

Orange Spiel



Welcome Back to
this Season's First Issue!

SEPTEMBER 2002

MEETING INFORMATION

TUESDAY, SEPTEMBER 24, 2002

HOLIDAY INN

2726 S. Grand Avenue, Santa Ana
(see map on page 11)

Technical Seminar..... 5:45 – 6:30 p.m.
Cocktails 6:30 – 7:00 p.m.
Dinner..... 7:00 – 8:00 p.m.
Main Program..... 8:00 – 9:00 p.m.

PLEASE NOTE NEW RESERVATIONS HOT-LINE*

Fax your reservations to:
McCaughey Energy Systems Assoc.
Attn: Owen McCaughey
Phone/Fax (714) 633-3299

PRICE SCHEDULE

Member w/Reservations \$23.00
Member w/o Reservations..... \$27.00
All Non-Member \$27.00

*Note: Reservations must be placed no later than September 20, 2002, by noon. Cancellations must be made by September 23, 2002, by noon.

IF CANCELLATION IS NOT
RECEIVED YOU WILL BE BILLED
FOR THE SESSION

SEE PAGE 9 FOR FAX ORDER FORM

TECHNICAL SEMINAR

"Renovating Chiller Plants for
Comfort Improvement and Energy
Conservation" by Mr. Craig F.
Hofferber, CFH Systems, and Mr. Scot
M. Duncan, Retrofit Originality, Inc.

DINNER PROGRAM

"Applying Variable Speed to All
Components in a Chiller Plant" by Mr.
Tom Hartman, The Hartman Company

Orange Spiel Editor

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SEPTEMBER MEETING NOTICE

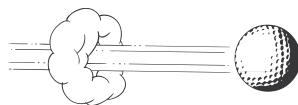
TECHNICAL SEMINAR

Would you like to hear about how to retrofit existing central plants to be energy efficient beyond your grandest expectations, while accommodating increased load and reducing tenant complaints to nearly zero? Sound too good to be true? Not really, and it is not rocket science, but it IS science getting down to business! And it is about ASHRAE award winning projects!!

Come see how it is possible to achieve an annual average chiller plant performance of 0.55-0.63 kWh per ton-hour, including chillers, towers and pumps; in short, everything in the chiller plant except for the air handling units. Challenge fellow pros on how to get the highest practical energy efficiency when updating older HVAC systems.

For this great Technical Seminar we get two highly qualified presenters for the price of one. Our co-presenters will be Craig F. Hofferber, Owner, CFH Systems; and Scot M. Duncan, P.E., Vice President, Retrofit Originality, Inc. *Michael Walsh*

2002 ORANGE EMPIRE ASHRAE FALL GOLF TOURNAMENT!



Held on September 8, 2002,
the results are already in!
CHECK OUT WHO WON ON PAGE 5!

DINNER PROGRAM

Are you involved in any way with the engineering or construction of central chiller plants, their equipment (chillers, pumps, etc.) or their controls? If so, you certainly won't want to miss this month's challenging presentation by Tom Hartman on the unconventional all-variable speed approach to chiller plant configurations.

All-variable speed chiller plant configurations with effective optimized controls offer substantial improvements in energy efficiency when

compared to conventional constant speed chiller plants of the same first cost. Tom Hartman, Principal of The Hartman Company and author of a recent article on the subject in last

September's ASHRAE Journal, will lead a technical discussion on the benefits of applying variable speed to all components in a chiller plant. Mr. Hartman will also discuss practical design considerations and potential pitfalls if designs are not properly conceived or executed.

Several local all-variable speed plants will be highlighted and specific design/construction issues discussed. All-variable speed is a new approach to chiller plant design, but it is a fundamentally straightforward and easily applied technology. This discussion is intended to introduce engineers to the technologies involved and aid in understanding what is required to ensure successful designs.

Michael Walsh

YOUR ORANGE EMPIRE
BOARD PIECED TOGETHER
ANOTHER OUTSTANDING
ASHRAE SEASON!
DON'T MISS
A SINGLE MEETING!




PRESIDENT'S MESSAGE

Welcome to the New Year – that's the ASHRAE New Year of course!

Why is it when you are a kid that summers seem to whiz by in the blink of an eye and now as parents of those kids these ten weeks of summer seem so incredibly long with having to keep those young ones busy and safe while at the same time ensuring the financial stability of our numerous amusement parks? I guess you could say it's all in one's perspective.

Whatever your perspective, I think you'll agree that this coming year will be a great one for the Orange Empire Chapter. Your Officers, Board of Governors and Committee Chairs have been hard at work developing this year's slate of dinner and technical programs, in addition to all of their other duties toward promoting the arts and sciences of HVAC and R. See the back page of the Spiel for this year's lineup of topics and confirmed speakers.

Please take special note of the enclosed message on page 4 from Maralynne Flehner, ASHRAE Society Chair On General Legal Education. Maralynne's message is self-explanatory. By completing and returning the enclosed survey form you will provide valuable insight as to what ASHRAE members want to see in terms of programs and publications in this necessary area of our business. Thank you in advance for doing this.

I look forward to seeing you all at our first meeting of the New ASHRAE Year on Tuesday, September 24. *Jan Faiola* 



THE KEY TO A SUCCESSFUL YEAR IS YOU!
PLEASE ATTEND YOUR ASHRAE MEETINGS!

1. Transition of Officers: JF to forward description of officer responsibilities to each officer.
 - Secretary: Hand-off required by Mike Nau (not present) which will include files of correspondence to/from Society. MW to contact MN and review materials for ongoing items. MW requested that minutes be reviewed by officers/chairs and edited prior to publishing in Spiel. Final approval can still be done at board meeting based on published minutes.
 - Treasurer: JF, SR and GW to set up meeting at bank for signature transfer. Intent is to have three signatures on the card. MIW to close books by Monday, July 15, and email final spreadsheets to officers for review. Outstanding items include deposit of chapter member dues received from Society and final tally of research funds received in 2000/2001. After which, board can make final decision on amount of research donation to Society. Minimum Research donation to Society will include \$1,000 from York and Raffle/Casino collections. Additional funds may be donated as well, up to original budget projection. Final amount to be decided at August meeting. Accounting spreadsheet is to be updated to include a header with automatic date function.
 - Vice President: SR to hand over to MIW. VP is responsible for programs. Duties will include confirming speakers, arranging for audio/visual equipment, printing and presenting certificates to speakers, and tracking

ASHRAE Orange Empire Chapter

Date: July 11, 2002

Time: 5:25 pm

Location: The White House, AKA Presidential Palace

Meeting Attendees:

Hank Bagheri (HB), Jan Faiola (JF), Kevin Friedman (KF), Ted Kohlenberger (TK), Brian Kucharek (BK), Eric Lam (EL), Owen McCaughey (OMC), Charlie Pehl (CP), Sue Ramirez (SR), Christine Tachdjian (CT), Mat Waller (MW), Michael Walsh (MIW), Gabe Wilson (GW)

Old Business: April meeting minutes were reviewed and approved.

New Business:

1. Transition of Officers: JF to forward description of officer responsibilities to each officer.
 - Secretary: Hand-off required by Mike Nau (not present) which will include files of correspondence to/from Society. MW to contact MN and review materials for ongoing items. MW requested that minutes be reviewed by officers/chairs and edited prior to publishing in Spiel. Final approval can still be done at board meeting based on published minutes.
 - Treasurer: JF, SR and GW to set up meeting at bank for signature transfer. Intent is to have three signatures on the card. MIW to close books by Monday, July 15, and email final spreadsheets to officers for review. Outstanding items include deposit of chapter member dues received from Society and final tally of research funds received in 2000/2001. After which, board can make final decision on amount of research donation to Society. Minimum Research donation to Society will include \$1,000 from York and Raffle/Casino collections. Additional funds may be donated as well, up to original budget projection. Final amount to be decided at August meeting. Accounting spreadsheet is to be updated to include a header with automatic date function.
 - Vice President: SR to hand over to MIW. VP is responsible for programs. Duties will include confirming speakers, arranging for audio/visual equipment, printing and presenting certificates to speakers, and tracking

July Meeting Minutes

meeting attendance. KF suggests that VP take control of the reservation list. It was decided that a laptop will be provided by SR for use during meetings for minutes and reservation check-in.

- President Elect: JF transfers to SR.
 - President: TK transfers to JF. JF will review the new PAOE criteria and forward to Board. KF suggested that a laptop can be used to update and review PAOE during the board meetings.
2. Letterhead: JF presented for review by officers. JF to correct and email to officers.
 3. Chapter Information Questionnaire: JF presented for review. JF to correct and email to officers.
 4. Committee Chairs: No committee reports at this meeting. Vacant chairs were identified as:
 - Historian
 - Nominating (to be combined with Honors and Awards)
 - Roster
 - Reservations

The following identifies Committee chair assignments and staff. KF advises that chairs should seek out staff to help with committee work.

- JF volunteered to chair the Nominating Committee.
- OMC volunteered for Reservation chair. OMC to contact Steve Rawski about utilizing existing reservation hot line.
- No specific Roster chair was identified. Last year, roster was assembled by team including TK, EL and Christie Kjellman. Roster will continue to be mailed to assure advertisers that all members receive it.

EL will email a copy of the current roster to all officers and chairs. TK reminds all that it is everyone's responsibility to help keep the roster up to date. Society reports changes to chapter, but this information is not always timely.

(see **JULY MINUTES** page 3)



SEPTEMBER MENU

GRILLED CHICKEN BREAST
GARLIC MASHED POTATOES
CHEF'S CHOICE OF VEGETABLES
GARDEN GREEN SALAD
CHEF'S CHOICE OF DESSERT

ROSTER UPDATE

The 2002–2003 Membership Rosters will be printed in December and we need your help to make sure it is accurate. If you have had a recent change in address, business, phone number, etc., then let us know.

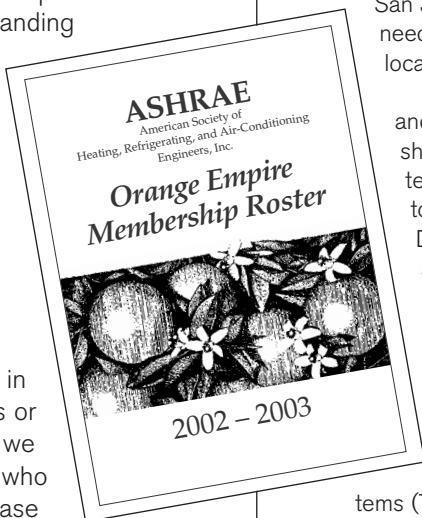
If you are a member of more than one chapter, Society may have not included your name in our Orange Empire database. Our understanding

is that Society will assign you to the chapter based on your preferred mailing address. So...if you receive mail in Los Angeles or Riverside... we won't know who you are! Please help us by letting us know. If you are a member of more than one chapter, we recommend that you pay one set of local chapter dues direct to Society with your annual renewal and pay the secondary local chapter dues direct to the chapter. (\$40 for the Orange Empire Chapter.)

If you have not paid local dues by November 15th, you will not be listed in the roster and will not receive one.

For those of you who still haven't renewed your dues, we've included a membership dues form on page 10 of this month's Spiel. Please complete the form at your earliest convenience and return with your remittance as indicated.

For all updates and/or membership inquiries, contact me at 714-934-4344 or via e-mail at eric.lam@york.com. *Membership Chairman, Eric Lam* ☺



JULY MINUTES

(continued from page 2)

5. Programs: Dates were verified as 9/24, 10/22, 11/19, 12/17, 1/28, 2/25, 3/25, 4/22 and 5/27. Orange Empire hosts both the December Southern California/Tri-County meeting and the March San Diego meeting. MIW and GW to finalize contract with Holiday Inn for six dates.

December meeting location to be determined. CRC is first choice. MIW to contact Steve Rawski about availability. (Not discussed but as a reminder... March meeting will be in San Juan Capistrano and reservations need to be made). May installation location to be determined later.

Program topics were discussed and are listed on attached spreadsheet. Suggested topic for September is Chilled Water Plants. BK to contact potential speaker for Dinner Session and MW to contact speaker for Tech Session. October topics suggested are Load Calculations and Psychometrics. MW will be October Dinner contact and KF will be Tech Session contact. November topics to be Smoke Control (Dinner) and Fire Alarms and Control Sys-

tems (Tech Session). KF to be contact for both. Since November is SMACNA night, an effort should be made to coordinate and advertise with the local SMACNA office. HB has contact info and will forward to MIW. Preference for December is distinguished speaker. JF has current list and will forward to board for review. TK is working on January refrigeration presentation. Preference for March is a presentation of an ASHRAE research grant. MIW to obtain list from Society and forward to board for review. Discussion of programs to be continued at August meeting. MW will forward list of previous programs to Board. Majority of Board prefers not to repeat topics or speakers from year to year.

6. Next meeting will be 8/27/2002 at the Office of Kohlenberger and Associates. JF to confirm date and notify officers/chairs.

Meeting adjourned at 8:10 pm. The Board would like to express its thanks and appreciation of the hospitality extended by our new President, Jan Faiola. *Minutes prepared by Mat Waller, (949) 951-2651, mwaller@cox.net.* ☺

ADVERTISING SPACE AVAILABLE!

Contact your
Orange Spiel Editor for Details.

August Meeting Minutes

ASHRAE Orange Empire Chapter

Date: August 27, 2002

Time: 5:00 pm

Location: Office of Kohlenberger and Associates

Meeting Attendees:

Hank Bagheri (HB), Jan Faiola (JF), Ted Kohlenberger (TK), Brian Kucharek (BK), Owen McCaughey (OMC), Charlie Pehl (CP), Sue Ramirez (SR), Mat Waller (MW), Michael Walsh (MIW), Gabe Wilson (GW)

Meeting called to order by JF at 5:05 pm and agenda issued. July meeting minutes were reviewed, amended and approved.

Old Business:

1. Signature cards have been completed and returned to the bank. JF, MIW and GW to meet and review budget prior to presentation of board at September meeting. Final amount of research donation still to be decided. However, York's donation to be sent immediately to Society. BK to transmit check to Society.
2. Letterhead was corrected and submitted to officers.
3. Chapter Information Questionnaire was updated and submitted to officers.
4. Gas company reservation fax line will not be available. OMC will provide his office fax/voice mail for the reservation line.
5. Copies of the current roster were provided. All officers, Board of Governors and Chairs are to review. It was suggested that this list be kept at the check-in desk to help identify members that owe dues.

6. Programs: Dates were verified as 9/24, 10/22, 11/19, 12/17, 1/28, 2/25, 3/25, 4/22 and 5/27. Orange Empire hosts both the December Southern California/Tri-County meeting and the March San Diego meeting. MIW and GW to finalize contract with Holiday Inn for six dates. MIW to meet with Holiday Inn representative on 8/28/2002. December meeting location to be determined. CRC is first choice. SR to contact Steve Rawski about availability. MIW to contact El Adobe, San Juan Capistrano, for March reservations. May installation location to be determined later. Managers for each Dinner and Tech Session were selected among the Officers, Board of Governors and Chairs. Each are to review the attached programs spreadsheet for topics and (see **AUGUST MINUTES** page 9)

SPECIAL REQUEST FROM ASHRAE SOCIETY

Dear Orange Empire Chapter Members,

Please take a moment to fill out and return the Program and Publications Interest Survey on pages 7 and 8.

ASHRAE Task Group 1 – General Legal Education ("TG1-GLE") was formed two years ago to educate ASHRAE members through programs and publications about general legal matters that touch and concern the HVAC&R industry.

The Task Group, which includes engineers, attorneys and other HVAC&R industry members, has presented seven seminars and a forum at ASHRAE's winter and annual meetings, all of which have been extremely well attended and very well received. It has also published six articles in the ASHRAE Journal, prepared a special publication titled, "The ASHRAE Member's Survival Guide – Contracts," which focuses on risk management through the use of contract terms, and produced a videotape and DVD titled, "The Good, The Bad, and The Ugly," which deals with the use of documents and e-mails in litigation.

TG1-GLE would now like to focus its efforts on helping chapter members. To that end, we have prepared a simple two-page Program and Publications Interest Survey that is designed to tell us what kinds of information chapter members want and how they think it should be delivered. The survey takes only a minute or two to complete. Once we've collated the results, we plan to work with regional and chapter programs officials to develop the programs and

publications that chapter members are most interested in.

To achieve these goals, we need your help. Please take a moment to complete the following form on pages 7 and 8 and return it to me by October 31, 2002.

Remember that all surveys should be returned to me by e-mail, fax or US mail on or before October 31, 2002.

If you have any questions, feel free to e-mail, fax or call me. I am confident that, with your help, TG1-GLE will be able to bring your chapter a valuable new resource that will benefit members, increase attendance and encourage member participation.

Sincerely yours,
 Maralynne Flehner, Esq.
 Member ASHRAE, Chair, TG1-GLE
 203 Hughes Road
 King of Prussia, PA 19406
 Tel: 610-687-3321
 Fax: 610-687-5370
 Email: mflenhner@comcast.net ☺



TECHNOLOGY AWARD PROGRAM

The Technology Award Program provides members with recognition for innovative designs, communicates that technology to other members and highlights achievements to other professionals. Our September Tech Session will highlight two of these award winning projects.

There are three levels of competition: Chapter, Regional and Society. Entries are judged on energy efficiency, indoor air quality and thermal comfort, innovation, operation and maintenance, cost effectiveness, environmental impact and quality of presentation.

We urge our members to submit their projects. Chapter level applications will be available at the September meeting. Entries must be received at the Chapter no later than March 14th, 2003. Time is needed for judging and forwarding projects to the Region X Vice Chair.

For more information, log onto

<http://www.ashraex.org/FSOps.htm> or contact Mat Waller at mwaller@cox.net.

The 2001/2002 year was a showcase for Orange Empire engineering firms. Seven fabulous projects were submitted for Chapter competition. Fortunately, almost all projects were in different categories or else judging would have been difficult! Six received Chapter awards and were forwarded to Regional competition. Five of those won Region X awards. Two projects have been submitted to Society competition.

2001/2002 ORANGE EMPIRE PARTICIPANTS WERE:

New Commercial Building Category. Winner of Chapter and Regional Awards and a subject of the September 2001 dinner presentation on Energy Efficiency – The Premiere Automotive Group of North America, Irvine. Engineer: Larry Sun of T&K, Irvine.

Alternative Energy/Renewable Category. Winner of Chapter and Regional Awards – U.S. Naval Energy/Sustainability Showcase, Port Hueneme Naval Station. Engineer: Malcolm Lewis of CTG, Irvine.

Existing Institutional Building Category. Winner of Chapter and Regional Awards – USC Campus Wide Central Plant and Distribution Retrofit. Engineer: Frank del Rio of USC and Scott Duncan of ROI, Lake Forest.

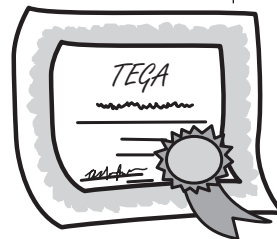
Existing Commercial Category. Winner of Chapter and Regional Awards – 600 B Street Office Building Chiller Plant Retrofit, San Diego. Engineer: Craig Hofferber of CFH Engineers and Scott Duncan of ROI.

Existing Industrial Category. Winner of Chapter and Regional Awards – Sysco Food Services Expansion, City of Industry. Engineer: Doug Scott and Romil Angcaco, VaCom Technology.

New Institutional Category. Winner of Chapter Award – Broadway Golden Elementary School, Long Beach. Engineer: Jeff Curtis, Fundament and Associates.

New Institutional Category. UCSD School of Medicine Research Facility, San Diego. Engineer: Paulo Fundament, Fundament and Associates.

Mat Waller, TEGA Chair ☺

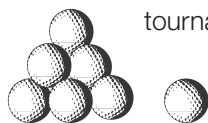


2002 ORANGE EMPIRE ASHRAE FALL GOLF TOURNAMENT!

OUR GRATITUDE TO JIM AND ROZANNE HENRY

We'd like to give our heartfelt thanks to Rozanne and Jim Henry for their continued commitment to our 2002 Annual Fall Golf Tournament. Rozanne and Jim did a wonderful job of planning this year's tournament held at the Alta Vista Country Club in Placentia on Tuesday, September 8, 2002.

Thanks again from your friends at the Orange Empire Chapter!



THANK YOU TO OUR SPONSORS, TOO...

Thank you to the following sponsors for your generosity in supporting the Orange Empire Chapter. Your patronage is greatly appreciated!

Air Conditioning Specialties
Air Treatment Corporation
CMS Viron
Dawson Company
DMG Corporation
F. T. Andrews
Franzen Consulting

Griswold Controls
Heat Tech Products
Horsefield & Associates
K.H. Watts Company
Leibert Corporation
P2S Engineers
Paco Pumps

Parker Boiler
Potorff Air Sales Products
The Trane Company
Thermalair
Weil Aquatronics
Winaire
York International

AND THE WINNERS WERE.....

Please look for these up and comers at Augusta next year!



Their game was so hot they were burning up the field (or was it just the sun?).

LONGEST DRIVE REGULAR DIVISION

Justin Bartlett

(stat unavailable at press time)

LONGEST DRIVE SENIOR DIVISION

Richard Komai

(stat unavailable at press time)

CLOSEST TO THE PIN HOLE # 4

Bruce Ward, 8" 3"

CLOSEST TO THE PIN HOLE # 4

Bill Fish

(stat unavailable at press time)

LOW GROSS REGULAR

Paul Rohrbacker, 75

LOW GROSS SENIOR

Richard Komai, 80

LOW NET HANDICAP REGULAR

Mike Franzen, 62

LOW NET HANDICAP SENIOR

Dave Ford, 64

(Way to go Dave!)

LOW NET CALLOWAY REGULAR

Saeed Zamani, 72

LOW NET CALLOWAY SENIOR

Henry Reyes, 72

Are you always forgetting to send in your meeting reservation? Do you hate standing in long check-in lines? Do you plan to attend more than five meetings this coming year? Do you have an eye for a value? Have we got a deal for you!

Your Board of Governors has once again authorized the offering of a Season Pass to



our meetings for 2002-03. The pass must be purchased no later than October 22, 2001. The price is \$160.00, which includes all of this season's meetings at the Holiday Inn (\$23-\$27 each) AND the December Tri-Chapter meeting, AND our joint chapter meeting with San Diego in March AND the Installation Dinner in May. The cost of the latter three events is generally higher than our regular meetings. That's

nine meetings in all included with the season pass!

To get one, simply indicate your intentions with your advanced reservations (hint-hint-hint) or check-in at the September meeting and bring your \$160.00. One last check for the entire year! Thereafter, just show up the night of the meeting and let us know that you've arrived and give us your meal choice. The pass is even transferable to a friend or colleague for an evening that you miss. *Owen McCaughey* 🏌️



AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS, INC.

**ORANGE EMPIRE CHAPTER
MEMBERSHIP DUES FOR
2002 - 2003**

Name: Title:

Business Name:

Business Address:

Business City, State, Zip Code:

Business Phone: Business Fax:

E-Mail: ASHRAE Membership No.:

Home Address:

Home City, State, Zip Code:

Home Phone: Home Fax:

E-Mail: Spouse's First Name (for Roster):

Preferred Mailing Address: Business Home

Membership Dues \$ 40.00

Contributions for Student Activities

Contributions for Research

TOTAL AMOUNT

*Please make check payable to ORANGE EMPIRE CHAPTER ASHRAE
and return a copy of this form with your check to:*

Gabe Wilson
York International Corporation
11165 Knott Avenue, Suite D
Cypress, CA 90630
Phone: (714) 934-4338 • Fax: (714) 897-7310
E-mail: gabriel.wilson@york.com

If you are a new member, who invited you to join ASHRAE?

Name: Company:

ASHRAE TASK GROUP 1 – GENERAL LEGAL EDUCATION PROGRAM AND PUBLICATION INTEREST SURVEY

What chapter are you a member of? Orange Empire Chapter, Region X, Chapter #105?

Tell us about your interest in the following topics by inserting in or near the box next to the topic the number corresponding to your level of interest.

1-no interest 2-some interest 3-interest 4-above average interest 5-high interest

- 1. Survival Guide: Tips on How to Avoid Being Sued and Limit Your Exposure
- 2. Documents and e-mails ASHRAE Members Should and Should Not Have
- 3. Business, Technical and Legal Issues Relating to Shop Drawings and Change Orders
- 4. Insurance for ASHRAE Members.
- 5. What To Expect in a Litigation: Testifying at Depositions and at Trial
- 6. Business, Technical and Legal Issues Relating to Design/Build Services.
- 7. Indoor Air Quality: Liability Concerns for Engineers and Related Industry Members
- 8. Negotiating Skills: Dealing with Contract Negotiations, Clients and Code Officials.
- 9. The Attorney/Client Relationship: Duties that Lawyers Owe Their Clients
- 10. Business, Technical and Legal Issues Relating to Construction Phase Services
- 11. Dispute Resolution: Mediation and Arbitration
- 12. Annual Update: Standards, Laws, and Cases Affecting the Practice of Engineering.
- 13. Resolving International Disputes: International Arbitration.
- 14. Becoming and Serving as an Expert Witness
- 15. Managing a Small Business
- 16. Other (Insert topic(s) of your choice) _____

ASHRAE TASK GROUP 1 - GENERAL LEGAL EDUCATION PROGRAM AND PUBLICATION INTEREST SURVEY

(CONTINUED)

Tell us how you'd like the information to be presented by inserting in or near the box next to the delivery method the number corresponding to your preference.

- 1 - I'm not at all interested in this method of presentation
- 2 - I might be interested in this method of presentation
- 3 - I'm interested in this method of presentation
- 4 - I'm very interested in this method of presentation
- 5 - This is absolutely my first choice for method of presentation

- 1. Live Program with Speakers at Chapter Meeting and/or Seminar
Specify 30, 45, 60, 120 or 180 minutes (circle one)
- 2. Live Program with Speakers at Annual Chapters Regional Conference
Specify 30, 45, 60, 120 or 180 minutes (circle one)
- 3. Taped Program
Specify 30, 45, 60, 120 or 180 minutes (circle one)
Specify Videotape or DVD (circle one)
- 4. Article in ASHRAE Journal
Specify 1, 2 or 3 pages (circle one)
- 5. Article in Insights
- 6. Article in Electronic Newsletter
- 7. Special Publication
- 8. Posting on Task Group's ASHRAE Web site (www.ashrae.org)

If you are interested in live programs with speakers, is your chapter or region willing to pay speakers' expenses?
(circle one) Yes No Speaker's Fees? Yes No

TO RETURN THIS SURVEY FORM

E-mail to mfllehner@comcast.net. • Fax to (610) 687-5370 (no cover sheet necessary)
Mail to Maralynne Flehner, 203 Hughes Road, King of Prussia, PA 19406.

PLEASE RETURN ALL SURVEYS BY OCTOBER 31, 2002

AUGUST MINUTES

(continued from page 3)

suggested speakers. Managers are responsible for contacting and receiving commitments from speakers. Once a speaker is committed, manager will forward all information to MIW. MIW will coordinate with speaker for necessary equipment, directions, letters, certificates, etc. MIW will forward information to MW for spreadsheet update. MW will provide a second programs spreadsheet for inclusion in the Spiel and posting to the website. PAOE bonus points are available if programs can be completed prior to October 1st.

New Business:

1. PAOE: JF discussed PAOE and passed out copies of website worksheets to BK and MIW. Officers are responsible for accessing website to fill in worksheet. Following chairs will be responsible for accessing and filling in website each month:
 - Programs – MIW
 - TEGA – MW
 - Research Promotion – BK
 - Membership – EL
 - Student Activities – HB
 - Historian/Operations - JF
2. Website update. All chairs to update their section. Up-dates to include contact information and any other pertinent information, i.e., announcements, etc. Email updates to MW. MW will forward to Hratch when all are received. Hratch's email is hratch.arezouyan@p2seng.com.
3. Chapter Property. Secretary is

responsible for documenting location of chapter property. Items include Charter, Bylaws, Minute Book, Banner, Gavel, Name Badges and Case, Podium and Projection Equipment. Banner and Charter are missing. JF has Bylaws. JF will contact Max, Bev and Ken for their recollection on location of other items. If anyone has information on location of any chapter items, please contact MW at mwall@cox.net. MW motioned that a new banner be obtained. Motion seconded by SR. Motion passed. JF will contact society regarding obtaining a new banner. JF has a number of awards that can be added to the banner. MW motioned that we buy a gavel for use in meetings. JF seconded and the motion passed. Chapter does not own a podium. Typically provided by the venue. Overhead can be provided by SR and powerpoint projector with spare bulb will be provided by BK (this year). MW will create a binder for uses as a Minute Book and Property Log.

4. CP motioned that a gavel plaque be given to the outgoing president. OMC seconded. Motion passed.
5. Chapter Manual: Society no longer provides hardcopy chapter manuals. They are available on the web. Search for "Chapter Operations manual." Motion made to have multiple copies printed. JF will research cost and will proceed if less than \$200. Ten copies on hole punch paper will be made and distributed.
6. Chair reports:
 - Programs (see old business).
 - TEGA – Chapter should have at least two submittals to Society.
 - Student Activities – no report.
 - Attendance/reservations – see old business.
 - Treasurer – see old business.
 - Refrigeration – no report.
 - Research – JF will contact Gail and Steve regarding fund raising/raffle.

- Membership – no report.
- Newsletter - September Spiel deadline is Wednesday, 9/4. Following months, deadline will be the 3rd. Articles are to be emailed to Christine. An advertisement for Season pass is required in the September Spiel. JF to forward last year's advertisement to Teri Berry. Season pass price will remain the same.
- 7. Special Events - JF asked for volunteers to help staff the golf tourney. OMC and CP volunteered.

SR motioned to adjourn at 7:57 pm. Seconded by HB, motion passed.

The Board would like to express its thanks and appreciation for the hospitality extended by Ted Kohlenberger.

The Secretary would like to express his gratitude to Sue Ramirez for volunteering to fill in as Secretary during the September meeting.

Minutes prepared by Mat Waller, (949) 951-2651, mwall@cox.net

Addendum

Date: September 3rd, 2002

Time: 5:00 pm

Location: Phone Conference Mat Waller (MW) and Eric Lam (EL)

This report an addendum to the August Meeting. Meeting Minutes were distributed to Board of Governors/Chairs by email for vote.

Discussion

1. Membership Database (there are now 333 members on our list): EL will start sending his database to Teri Berry each month. Teri has a program that reads Excel files into her database. She has tested it with EL's database and it works. EL will have her send him a copy of her database so he can *(see ADDENDUM page 10)*



PLEASE RSVP FOR THE SEPTEMBER 24 MEETING
 by September 20 at noon • Cancellations by September 23 at noon
(non-cancellations will be billed)

McCaughey Energy Systems Associates, Attn: Owen McCaughey
Phone / Fax (714) 633-3299

Technical Session Yes No

DINNER SESSION PRICING

Member with Reservations \$23.00 Member without Reservation / All Non-Members \$27.00



Name(s): _____

Company: _____
 Telephone: _____
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Employment Opportunity



MECHANICAL ENGINEER

Fundament & Associates, Inc., a prestigious Irvine HVAC engineering design firm, offers a terrific opportunity for senior level mechanical engineer capable of being lead person in mechanical department, and a valued member of our management team. Commercial and institutional HVAC experience and excellent communication skills a must. P.E. registration desirable. We offer a progressive compensation and benefits program for our employees.

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should go out within two weeks so they are received prior to the September meeting. There are about 150 letters that need to be sent. EL to send list of names and the template to MW for the correspondence file.

A suggestion to OMC. Set up an Excel spreadsheet for all of the reservations. EL will scan them against his delinquent list and flag reservations by delinquent members. A future project would feed the Excel reservation list into a program to compare

based on where they get delivery. If that's So Cal, we don't get them on our database and they don't get a Roster. Suggestion is that if a member is going to pay multiple dues, they should pay one to Society and others direct to the chapters. We can then update our database accordingly. Of course, those members need to know that. EL will write up a few lines for the September Spiel, explaining that and it should be noted at the microphone at the September meeting. [Update 8/30 EL spoke to Society and was told that members can be added to multiple chapters upon request – still, this is not automatic so multiple memberships needs to be brought to our attention. Best way to do so is through paying chapter dues direct to Orange Empire.]

- Votes: 8 Officers/Board of Governors responded to email. Tally as follows:
1. Authorize expenditure of approximately \$60 postage (150 x \$0.37 - \$55.50) to mail out delinquent notices: (8) Yes
 2. Chapter Policy will be that delinquent chapter members are not included in the Roster: (7) Yes (1) No
 3. Chapter Policy will be that delinquent chapter members are included in the Roster, but do not receive one: (7) No (1) Yes
 4. Authorize Teri Berry to send out Fax advertisements for Roster Yellow pages by September 9th: (8) Yes. ☺

ADDENDUM

(continued from page 9)

check it to make sure. This means that all updates of member information should go to EL first and not to Teri.

EL feels that he now has a pretty good working relationship with Society and that they are updating information they receive from us within days. The only issue, now, may be how quickly Society updates the database regarding dues payment. At Tuesday's meeting, a number of you stated that your dues did not show as paid. Note that the values shown in the database are balances. So...zero indicates "paid." If any of you are paid and show a balance, then contact EL so he can get that worked out.

EL will write a few lines for printing in the Spiel asking members to submit any changes of Roster information.

2. Delinquent Letters: Letters need printing and mailing. EL needs help with printing and envelope stuffing. He can have the mail merge set up this week. Letters

it against the current membership file.

3. Roster: Each year we target December for delivering the Roster and it stretches to March. The two issues in getting it out are advertisements and which members get included. EL says that he needs three weeks to assemble the Roster and Teri needs about 1-1/2 weeks for printing. Advertisements take about a month after faxing the ad notice. Last year we paid Teri to fax out the notice and we should repeat that this year. If ad notice goes out by Sept 16, EL should be done by Nov 9 and Teri should have them printed by 12/1 at the latest (allowing for holidays). They could be mailed and in the membership's hands before the December meeting. Regarding the other issue of who gets a Roster – EL says that not being included was a powerful lesson to members that they need to pay dues. Evidently it was an effective method of collecting dues. It is recommended to make it a policy to exclude delinquent members from the Roster. Delinquent letters should state that members will not be included in the Roster unless dues are received by the October meeting. That would give EL two weeks to add the names.

4. Members in multiple chapters. This is related to the Roster. Some of our members, especially vendors, belong to multiple chapters. Society defaults there official chapter



Planning to Advertise in this Year's Roster?

Do it Now Before You Forget!!

ADVERTISING PRICES

- Format 1**
Company Info
(Cross Reference Yellow Page Entry)
 \$50
- Each Additional Line Product Listing
(Up to 87 Characters)
 \$5
- Format 2**
Vendor provided Line Card
\$125

SPIEL ADVERTISING RATES

1/4 Page . . . \$25	1/2 Page . . \$50
1/3 Page . . \$35	Full Page . \$100
Business Card \$ 25	
Website Announcement . . . \$100	

ASHRAE ORANGE EMPIRE CHAPTER 2002-2003 PARTIAL ROSTER

BOARD OF GOVERNORS

Hank Bagheri, P.E., Ph.D.
Owen McCaughey, P.E.
Kevin M. Friedman, P.E.
Ted C. Kohlenberger
Charles Pehl
Stephen J. Rawski, P.E.

CHAPTER OFFICERS

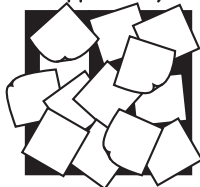
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Vice President..... Michael Walsh
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Secretary..... Matthew Waller

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TEGA..... Matthew Waller, P.E.
Research..... Brian Kucharek

COMMITTEES AND CHAIRPERSONS

Student Activities..... Hank Bagheri, P.E.
Membership..... Eric Lam
Historian..... Vacant
Programs..... Michael Walsh
Refrigeration..... Ted Kohlenberger
Spiel Editor..... Christine Tachdjian, P.E.
Web Master..... Hratch Arezouyan
Meeting Reservations . Owen McCaughey
CRC Action..... Jan Faiola

Employment Opportunity



PROJECT (ASSISTANT MECHANICAL ENGINEER) SPECIALIST

Facilities Management Services at the University of Southern California invites applications for the position of Project Specialist/Assistant Mechanical Engineer in Operations and Maintenance Services Department. Candidates who enjoy working in a diverse environment, have strong AutoCAD computer skills and can embrace challenges are welcome to apply. Must be able to manage multiple tasks, be self-motivated, resourceful and detail oriented.

This position will provide engineering assistance in technical and design issues for all mechanical systems with emphasis on HVAC systems. Will assist in performing engineering analysis and design for assigned projects and develop documentation in the form of drawings and specifications for bid and construction. Provide construction phase support in the form of submittals review, documents interpretation and field observation. Successful candidate will work closely with the Operations & Maintenance personnel to provide engineering support and consultation on an ongoing basis and provide high quality customer services and assistant to clients.

Job Qualifications include:

- Bachelor’s degree in Mechanical Engineer. Combination of relevant experience/education can substitute minimum requirement.
- Minimum 3-5 years in relative field.
- AutoCAD experience in preparation of construction documents
- Demonstrative experience working in a fast pace, quality driven environment.

Qualified applicants should send their resume, and salary requirements to: USC Employment Recruitment Office, 3535 S. Figueroa St., LA, CA 90089-1260 or apply on line at www.usc.edu/go/jobs. Reference # 13412

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DEADLINE FOR SPIEL ARTICLES – 3RD DAY OF EACH MONTH!



**SEPTEMBER 24
MEETING LOCATION MAP**

ORANGE EMPIRE CHAPTER

WINTER / SPRING 2002 SCHEDULE

LOCATION: HOLIDAY INN

2726 South Grand Avenue
Santa Ana, CA 92705

(714) 481-6300

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September 24, 2002

Technical: Central Plant Renovations
*Dinner: Variable Speed Chilled
Water Plants*
Theme: Membership

October 22, 2002

Technical: Psychometrics
Dinner: Comparison of Load Calculation Methodologies
Theme: Student Night

November 19, 2002

Technical: Fire Alarms and Controls
*Dinner: Smoke Control with an
Emphasis on Architectural
Separations*
Theme: SMACNA

December 17, 2002

Dinner: DDC Controls
*Theme: Joint Meeting with Southern
California and Tri-County*
Place: TBD

January 27, 2003

Technical: Electronic Expansion Valves
Dinner: Screw Compressors or Refrigeration Design Tradeoffs
Theme: Refrigeration/TEGA/Membership

February 25, 2003

Technical: Controls Primer
Dinner: LonWorks or BacNet
Theme: Research/Past Presidents

March 25, 2003

Dinner: ASHRAE Research Project
Theme: Joint Meeting with San Diego
Place: El Adobe, San Juan Capistrano

April 22, 2003

Technical: Hospital Regulatory Requirements
Dinner: Hospital Renovation Case Study
Theme: Student Night

May 27, 2003

Dinner: TBD
Theme: Officer Installation



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