

THE LONG ISLAND SOUNDER

May 2004



ASHRAE Long Island Chapter, Region 1

American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.

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President's Message

April's meeting was another success with an excellent turnout. It was great to have Dr. Forsberg from Hofstra University briefly speak to us last month about the grant he received from ASHRAE. It is nice to see that money our Long Island Chapter donates comes right back here to Long Island.



I was delighted to see the student members at our meeting and look forward to seeing many student members at upcoming meetings.

Although I left early, I heard great things about our dinner speakers from Wales Darby, Inc. Wales Darby has always been a great friend of our chapter and we look forward to their continued support.

In addition Richard Gerbe hosted a successful Satellite Broadcast on April 14, 2004 for Homeland Security (see TEGA article for more details) – Great Job Rich!

Our annual golf outing is on May 17th. This year's event is completely booked, a special thank you to Craig Marshall who helped organize the event.

I hope to see you at our next meeting about Boiler Room Design.

*Andrew S. Braum, P.E.
President - Long Island Chapter*

CHAPTER MONTHLY MEETING

DATE:	Tuesday, May 11, 2004
TIME:	6:00 PM - Cocktails/Dinner 6:45 PM - Dinner Presentation 9:00 PM - Conclusion
LOCATION:	Westbury Manor South Side of Jericho Tpke. 25 Westbury, NY 11590
FEES:	
Members -	\$30.00
Guest -	\$35.00
Student -	\$15.00

*Reservations requested, but not required.
Call (516) 333-7117*



Long Island Chapter Officers & Committees

ASHRAE 2003/2004 OFFICERS

POSITION	NAME	PHONE	FAX	E-MAIL
President	Andrew S. Braum, P.E.	(516) 785-4200	(516) 785-9148	asb@asbengineering.com
President-Elect	Claudio Darras, P.E.	(212) 354-5656	(212) 354-5668	cdarras@akf-eng.com
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Financial Secretary	John Nally	(631) 331-0215	(631) 928-4625	jn@atofny.com
Treasurer	Peter Gerazounis, P.E.	(212) 643-9055	(212) 643-0503	pgerazounis@mgjassociates.com
Secretary	Steven Friedman	(212) 643-9055	(212) 643-0503	sfriedman@mgjassociates.com
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Board of Governors	Michael Mordetsky	(631) 661-3136	(631) 661-3137	michael.mordetsky@us.belimo.com
Board of Governors	Steven M. Stein, P.E.	(212) 536-3850	(212) 764-7827	stein@derector.com

ASHRAE 2003/2004 COMMITTEES

COMMITTEE	NAME	PHONE	FAX	E-MAIL
Programs and Special Events	Claudio Darras, P.E.	(212) 354-5656	(212) 354-5668	cdarras@akf-eng.com
Membership	Craig D. Marshall, P.E.	(203) 261-8100	(203) 261-1981	cmarshall@accuspecinc.com
TEGA/Refrigeration	Richard E. Gerbe	(516) 484-1020	(516) 484-0926	reg@leapc.com
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Resource Promotion	Steven Friedman	(212) 643-9055	(212) 643-0503	sfriedman@mgjassociates.com
Historian	John Nally	(631) 331-0215	(631) 928-4625	jn@atofny.com
Student Activities	Steven Giammona, P.E.	(631) 592-2678	(631) 630-8883	sgiammona@jameslasala.com
Webmaster	Alan Goerke, P.E.	(631) 331-0215	(631) 928-4625	ag@atofny.com
Honors, Awards & Publicity	Michael Gerazounis, P.E.	(212) 643-9055	(212) 643-0503	mgerazounis@mgjassociates.com
Nominating	Michael Gerazounis, P.E.	(516) 482-3207	(516) 482-3790	mgerazounis@mgjassociates.com
2004 CRC General Chair	Alan Goerke, P.E. Frank Morgigno Don Stahl	(631) 331-0215 (631) 331-0215 (516) 223-2365	(631) 928-4625 (631) 928-4625 (516) 223-2365	ag@atofny.com fm@atofny.com dmstahl@optonline.net
Reception and Attendance	Ray Schmitt	(631) 585-6800	(631) 471-4950	therevrgs@aol.com
August 2004 CRC Golf Outing	Alan Goerke, P.E. Frank Morgigno	(631) 331-0215 (631) 331-0215	(631) 928-4625 (631) 928-4625	ag@atofny.com fm@atofny.com

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April Meeting Recap

April's diner presentation was about "Commercial Radiant Floor Heating" offered by John Knowles and David Van Wickler, Wales Darby, Inc. John and David analyzed the considerations for the design and installation of a modern radiant floor heating project, including their estimating, tube sizing, system layout, and controls.

The audience did not mind to stay longer than usual to listen to the speakers, who kept sharing their extensive experience about floor radiant heating. We want to thank John and David for participating in this year's program, and for offering us this informative presentation.

We would like to hear your suggestions for future presentations. Send an e-mail to cdarras@akf-eng.com.
We hope to see you at our next meeting.

Chapter Monthly Meeting - Program for 2003/2004

September 9, 2003 * At Westbury Manor  Technical Session - Choosing Chiller Technology Dinner Lecture - Chiller Plant Design, Variable Flow & Low Delta T Syndrome	February 22-28, 2004  NATIONAL ENGINEERS WEEK
October 14, 2003 * At Westbury Manor  STUDENT ACTIVITIES NIGHT Technical Session - Fundamentals of Cooling Tower Technology Dinner Lecture - Advanced Topics about Cooling Tower Apps.	March 9, 2004 (Catering @ Westbury Manor)  FIELD TRIP The Hempstead Resource Recovery Plant American Ref-fuel Plant, Long Island, NY
November 11, 2003 * At Westbury Manor  MEMBERSHIP/RESOURCE PROMOTION NIGHT Joint Meeting with SMACNA Mechanical International Building Code	April 13, 2004 * At Westbury Manor  MENTOR NIGHT Dinner Presentation - Radiant Floor Heating
December 16, 2003 * At the Nassau Coliseum  Holiday Event - Trip and Tour of Coliseum & NY Islander vs. NJ Devils Hockey Game	May 11, 2004 * At Westbury Manor REFRIGERANT NIGHT Dinner Presentation - Boiler Room Design
January 8, 2004 * At Westbury Manor  Joint Meeting with ACCA-LI Mold in Construction - A Proactive Approach	May 17, 2004 ANNUAL CHAPTER GOLF OUTING Cherry Valley Club, Garden City, NY
January 24-28, 2004  ASHRAE Winter Meeting and Trade Show, Anaheim, CA	June 8, 2004 * At Westbury Manor PAST PRESIDENTS & OFFICER INSTALLATION Dinner Presentation - Steam Systems: Fundamentals & Advanced Topics
February 12, 2004 @ UN International School, Manhattan  Joint Meeting with NYC, Bi-State & NJ Chapters Special Presentation by Ron Vallort (ASHRAE President Elect 2003-2004)	June 26-30, 2004 ASHRAE Annual Meeting Nashville, TN

August 19-22, 2004 - Chapter Regional Conference Region I - Wyndam Wind Watch Hotel, Islandia, NY

RUNNING PAOE POINTS FOR 2003/2004

Chapter Members	Membership Promotion Points	Student Activities Points	Chapter Programs Points	Resource Promotion Points	TEGA Points	History Points	Chapter Operations Points	Chapter PAOE Point Totals
324	160	50	0	325	635	275	170	1,615

May Chapter Meeting - Program

You are cordially invited to our May 2004 Meeting



Dinner Presentation "MODERN BOILER ROOM DESIGN"

*Presented by
Mike Valentino, P.E.
Power Flame Inc.*



DATE:	TUESDAY, MAY 11, 2004		
Time:	6:00 PM – Cocktails and Hors D'oeuvres 6:45 PM – Dinner Presentation 9:00 PM – Conclusion	Fee:	\$ 30.00 Member \$ 35.00 Guest \$ 15.00 Student
Location:	WESTBURY MANOR (516) 333-7117 Jericho Tpke (South Side), 3/10 of mile east from Glen Cove Rd., Nassau County, NY. Please Contact Claudio Darras at cdarras@akf-eng.com for directions. <i>- Reservations requested but not required. Business attire suggested</i>		
Presentation:	<p>This month's presentation will attempt to review the basics in the design of a boiler room and touch upon some of its advanced considerations. It will also review associated standards and current Code requirements.</p> <p>The presentation will offer the opportunity to discuss topics such as boiler system's evaluation, sizing, and selection, identifying boiler room considerations such as location, space, combustion and ventilation air, fuel systems, ancillary equipment, controls, safety devices, and operating efficiencies.</p> <p>The speaker will share his extensive experience in combustion technology by offering applications of boiler/burner systems, high efficiency burner technologies, current emissions levels, and technical and regulatory trends.</p>		
About our Speaker:	<p>Mike Valentino is the Vice President of Engineering for Power Flame Inc., a manufacturer of multi-fuel burner systems for commercial and industrial heating equipment. Prior to joining Power Flame in 1996, Mike was the Director of R&D for Cleaver Brooks, and Engineering and Product Development Manager for two (2) other Water Heater manufacturers who specialized in direct heat transfer and high efficiency products.</p> <p>Mike received a Bachelors of Science degree in Mechanical Engineering from the University of Wisconsin and a Masters of Science degree in Mechanical Engineering from Marquette University.</p> <p>Mike holds a seat on the ASME CSD-1 Safety Committee, and he is an Adjunct Faculty member of a local college in Kansas.</p>		

Board of Governors - Meeting Minutes

A meeting of the Board of Governors was held on 4/13/04 at the Westbury Manor. Present at the meeting were: Andrew Braum, Steve Giammona, Claudio Darras, Peter Gerazounis, Steve Friedman, Craig Marshall, John Nally, Alan Goerke and Rich Gerbe.

Meeting called to order by Andrew Braum at 5:05 PM:

Scholarship and Student activities – Steve Giammona mentioned that he received scholarship applications. The board to review at the end of April. Steve mentioned that he received two (2) new applications.

Resource Promotion – Steve Friedman mentioned that the chapter is currently at 62% of its goal for the year. Mentioned that he is campaigning to call previous donors who have not yet contributed. Steve Friedman to resend donation form by way of e-mail to all members and previous contributors to try and boost contribution levels.

TEGA – Rich Gerbe was commended on his hard work and detailed articles he has written for the chapter this year. Rich Gerbe has also arranged the homeland securities field trip which proved to be exciting and informative. Conversations amongst the board for the technology award will be further discussed at the next BOG meeting. Rich Gerbe to provide further detail.

Treasury – Peter Gerazounis distributed an unofficial copy of the chapter's treasury report. The details included current account status, expenditures to date and projected expenditures for the upcoming CRC (chapter regional conference) in August. A new account has been set up separately and solely for costs associated with the Long Island Chapters hosting of this years CRC.

History – John Nally mentioned that he will be obtaining historical documents and photographs to display at the CRC.

Nominating Committee – The Board of Governors currently has two (2) positions available. Two (2) candidates discussed for these positions are Richard Gerbe and James Hayes. The BOG will discuss and consider these candidates further. Mike Gerazounis (Committee Chair) will distribute Nominating ballots which will be sent out to all of our members for consideration.

Chapter Regional Conference (CRC) – Alan Goerke discussed the current status of the event. The golf outing for that weekend is set, revisions are to be made to the contract with the Wyndam Wind Watch Hotel. Alan mentioned that our chapter will be looking for sponsors to help with the CRC. Board to investigate. The next CRC meeting will be end of April/early May. Lynn Bellenger to attend if possible. The BOG has mentioned that the technical speaker for the CRC may possibly be Mr. Evans Lizardos, P.E. Andrew to contact Evans to discuss. Steve Friedman to distribute the CRC registration via regular mail and by e-mail to each chapter president for Region 1. Andrew to get list and send to Steve.

Meeting adjourned at 6:15 pm

Steven Friedman - Chapter Secretary

General Meeting Minutes

Meeting was called to order at 6:45 by Andrew Braum:

He Mentioned our upcoming events. Introduced our guest speaker, Mr. John Knowles of Wales Darby Inc. John gave an excellent lecture on the fundamentals and applications of radiant floor heating systems.

Attendance for this event was well maintained. Meeting adjourned at 9:15 pm.

*Steven Friedman
Chapter secretary*

Student Activities

We were happy to award our annual ASHRAE Long Island Chapter Bud Maxwell & Frank Pyne Scholarship to Brandon Sulikowski of Hofstra University. Congratulations Brandon!

Every year, our chapter awards up to two (2) \$1,000 scholarships. Any students who are interested for our 2004-2005 scholarship should look for it next fall and get their applications in on time.

We were also happy to be visited by Dr. Charles Forsberg from Hofstra University. Charles has done a great job developing a Heat Pump lab with money he received last year from an ASHRAE Grant.

Students are always welcome to attend our meetings. If you know of a college student interested in joining us, please extend the invitation. These students are the future of our chapter so please help me welcome them. Greet them during cocktails, invite them to sit at your table and share your knowledge and experience.

Steven Giammona, P.E. - Student Activities Chair



CRC Committee Report - 2004 Update

ASHRAE- Chapter 1 Regional Conference

Location: Wyndham Wind Watch Hotel, Islandia, NY

Dates: Thurs 8/19/04 to Sun 8/22/04

We are all set with the CRC for this summer. We have a lot of interesting and fun activities planned. Thursday there will be a golf outing at the Hamlet Golf Club located at the hotel. That evening will be a wine reception at the Wind Watch hosted by Palmer Vineyards of Aquebogue. The meetings start on Friday morning.

There are companion tours planned for guests attending the CRC. Friday is a full day guided motor coach tour of the Hamptons with a stop for lunch in East Hampton. The Hamptons' tour also has a stop planned at Duck Walk Vineyards. Saturday morning there is a trip planned to the Vanderbilt Mansion and Museum.

On Friday afternoon, we will be having a technical session presented by our own Evans Lizardos, PE. The President's Reception and Banquet will follow on Friday night. We promise a top notch menu and entertainment. Saturday morning the meetings continue as well as the workshops and Award's Luncheon.

As an ASHRAE member you are invited to attend any of the events during the meeting. You will not need to register for the CRC, but pay a nominal fee for the event.

The financial success of the CRC will be made possible thru corporate sponsorships of the event. We will be looking for sponsors for the various activities and events. Engineers, contractors, and suppliers will all be able to help out and support the Region 1 event.

Please check the www.ashraeli.org website for details about the event, registration forms and information. Anyone interested in assisting or attending at any of the activities or events, please contact me at ag@atiofny.com or 631-331-0215 ext 17.

Alan Goerke, P.E.
CRC 2004 Co-Chairman

Membership

A reminder to the general membership to those who have not paid your Society and Chapter dues, please do so at your earliest convenience.

We are having a good year with new member recruitment. A special thanks to our members who have recruited their co-workers. I appreciate all of your efforts.

I would like to take this opportunity to review a few of the reasons for being a member in ASHRAE. First, ASHRAE keeps us informed of the latest technologies and is instrumental in reporting field tests and findings. The articles published in the ASHRAE Monthly Journal are an excellent source of information. Second, standards developed by ASHRAE are key when designing or constructing a project. Third, communications with our chapter members keep you in touch with other industry professionals. You will find the answer to your questions here and your knowledge will serve to help others.

See you at our next meeting.

Craig Marshall, P.E.
Membership Chairman

TEGA

ASHRAE Satellite Broadcast: Filtration Plays Strong Role in Protection of Building Occupants

Filtration systems play a strong role in combating release of biological agents, particularly anthrax and smallpox, according to speakers at an American Society of Heating, Refrigerating and Air-Conditioning Engineers' (ASHRAE) satellite broadcast.

"High quality air filtration is a major step for ensuring better protection and a more secure America," said Donald Henderson, M.D., former director of the Office of Public Health Emergency Preparedness, a federal government office created to protect the public from acts of bioterrorism and other health emergencies.

Speaker Barney Burroughs, Building Wellness Consultancy Inc., Alpharetta, Ga., agreed.

"Filtration and air cleaning can be a silver bullet to improve the environmental protection in your facility if you understand the realities of your building, if you understand the applicable filtration technologies and if you appreciate how to gain full value of your filtration upgrades," he said.

"Filtration can be the silver bullet to aid in attending your cleanliness and safety goals - whether they are the ultimate and ideal safe haven building or merely incremental protection for improved protection, improved indoor air quality and good system operating value."

Speakers discussed key issues related to building protection from chemical, biological and radiological attacks.

Building owners, operators, designers, engineers and others must determine if their level of risk justifies added expense to protect their buildings.

"Learning how to assess these types of risks is a new and evolving field for those who design and operate buildings," Lawrence Spielvogel, P.E., chair of the committee, said. "It requires thinking in some different ways than we have been used to."

William Coad, P.E., Coad Engineering Consulting, St. Louis, Mo., noted there is one step all owners can take to help in protection - recommissioning their HVAC systems. After making sure systems are working as intended, they should develop a plan for steps to take in case of an extraordinary event, such as a biological contamination.

"In operations, we must stop being casual about the needs of system performance because the bar has been moved upward from the position of thermal comfort and housekeeping to life safety," he said.

But owners and operators should not forget daily building operation in their search for security, speakers cautioned.

"We should not do anything to compromise the day-to-day operation of buildings or the health, welfare or comfort of the people who occupy them," Spielvogel said.

Speakers noted that an added benefit of making sure systems are working properly is that environmental comfort and ventilation systems will perform better. Owners and operators should see "better building operations, better cost effectiveness and more energy efficiency," Burroughs said.

More information about ASHRAE's work in homeland security, including free reports, can be found via website at www.ashrae.org/homelandsecurity.



(Left to right: Jane Esposito, Trane; Dave Fruetel, Trane; Richard Gerbe, TEGA Chairman; Tom Nawabi, Trane; Brian Bateman, TEGA Member)

More than 20,000 viewers at some 1,000 sites watched the April 14 broadcast, which was hosted by the ASHRAE Presidential Ad Hoc Committee on Homeland Security and funded through a grant from the Alfred P. Sloan Foundation in New York. Included was Ashrae Long Island Chapter's own broadcast site. For all who attended it was a very informative broadcast and we look forward to the opportunity to providing this service to our members again. The turnout for the event was excellent, approximately 70 people attended making for a great mix of engineers, architects, equipment manufacture representatives, contractors, and scientists. The chapter would like to thank Trane New York for graciously providing us a free downlink site, especially Jane Esposito, Tom Nawabi and Dave Fruetel for their efforts.

Richard Gerbe
TEGA Chair



Satellite Broadcast Seminar
April 14, 2004



Satellite Broadcast Seminar
April 14, 2004

Resource Promotion

Thanks to everyone who has helped with this year's Resource Promotion committee. You have done a great job but there is a long way to go. For the past two (2) months donations have stopped (see chart below). We need to remember that Resource Promotion can be considered seed money for our HVAC future. With technical, environmental and legal issues on the forefront, we as a community need to support the efforts of those finding the answers.

A special thank you to this years' contributors:

Arthur Huebner	John C. Cronin, Jr.	Ronald J. Kilcarr	Jerome T. Norris
Raymond G. Schmitt	Frank D. Morgigno	Salvatore N. Castro	Andrew S. Braum
Michael Gerazounis	McQuay New York	Michael P. Bladykas	Gil-Bar Industries, Inc.
Joseph V. Marino	Robert W. Kane	David B. Fruetel	MWSK Equipment, Inc.
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Peter Gerazounis	Lizardos Engineering Assoc.	Craig D. Marshall	
John D. Nally	Robert A. Leventhal	Michael O'Rourke	

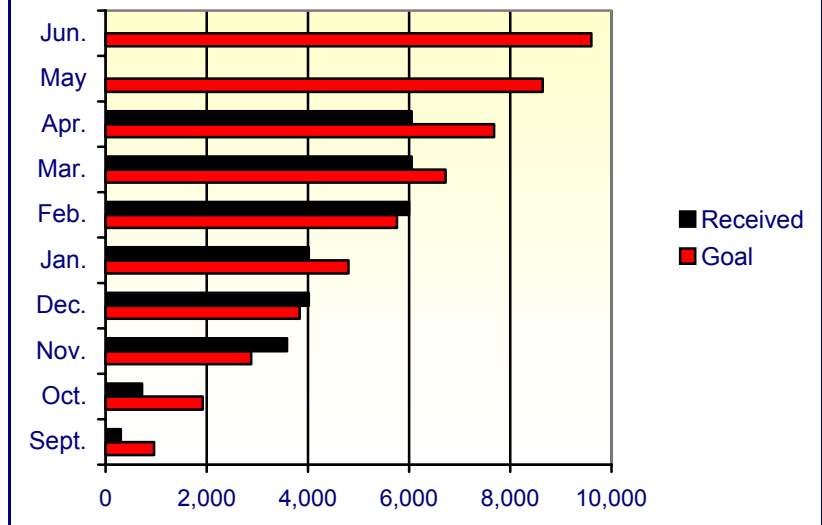
If you have not made a contribution yet, please consider a small donation to ASHRAE Resource Promotion. Please help seed our future.

Steven Friedman
Resource Promotion Chair

Long Island Chapter - Past Presidents

1958 H. Campbell, Jr. PE	1981 Robert Rose, PE
1959 Clyde Alston, PE	1982 Timothy Murphy, PE
1960 Sidney Walzer, PE	1983 Leon Taub, PE
1961 Sidney Gayle	1984 Raymond Combs
1962 William Kane	1985 Edward W. Hoffmann
1963 Louis Bloom	1986 Jerome T. Norris, PE
1964 Milton Maxwell	1987 Abe Rubenstein, PE
1965 Will Reichenback	1988 Michael O'Rourke
1966 Joseph Minton, PE	1989 Mel Deimel
1967 Irwin Miller	1990 Robert Rabell
1968 Walter Gilroy	1991 Gerald Berman
1969 Charles Henry	1992 Donald Stahl
1970 William Wright	1993 Ronald Kilcarr
1971 Louis Lenz	1994 Gerald Griliches
1972 Ronald Levine	1995 Walter Stark
1973 Henry Schulman	1996 Joe Marino
1974 Myron Goldberg	1997 Norm Maxwell, PE
1975 John N. Haarhaus	1998 Alan Goerke, PE
1976 Richard K. Ennis	1999 Frank Morgigno
1977 Kenneth A. Graff	2000 Michael Gerazounis, PE
1978 Evans Lizardos, PE	2001 Ray Schmitt
1979 Albert Edelstein	2002 Steven M. Stein, PE
1980 Ralph Butler	

Chapter Resource Promotion Goal
 For 2003-2004 - \$9,600



ASHRAE Annual Golf Outing 2004 - REMINDER

5th Annual LIINYC ASHRAE GOLF OUTING
Monday - May 17th, 2004

REMINDER



Place:	Cherry Valley Club Garden City, NY
Brunch:	11:00 am
Shotgun Start:	12:30 pm
Reception:	5:30 pm
Dinner:	6:30 pm



Please Note:

- This event is completely booked no open spots available.
- Proper Attire is required.
- No jeans, T-shirts or tank tops are acceptable.
- Cocktail hour and dinner require a sports jacket.
- Locker room and showers are provided.



Questions contact:
Craig Marshall
Ph#: 203-261-8100



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**As a Courtesy to all Long Island Chapter Members,
All Classifieds Ads Submitted to the Newsletter will be Free of Charge.**

If you would like to place an ad advertising job opportunities or if you would like to advertise that you are looking for employment please contact our chapter's Treasurer, Mr. Peter Gerazounis, PE via email at pgerazounis@mgjassociates.com or at 212-643-9055 for further details.

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