



# Airways

**Hamilton Chapter No. 037**

*American Society of Heating, Refrigeration and Air Conditioning Engineers*

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*Our 43rd Year*

October 2001

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Tuesday October 9, 2001

## *Substantial Completion – The Holy Grail*

### *An Open Discussion on Commissioning and Project Occupancy*

What is "Substantial Completion"? Well, it is different things to different people. Come listen to a cross section of industry representatives share their views on what it is and how it can be achieved.

### *Tonight's Speakers*

Tonight's format will be a little different from what we normally do. We will be presenting a panel of professionals representing such areas as engineering, architecture, building owners and building managers. Each will speak about his or her definition of Substantial Completion. An open forum with audience interaction will follow.



**Royal Hamilton Yacht Club**  
**North End of McNab, On Hamilton Harbour**

**NEW THIS YEAR!!**

**5:00 PM Social Hour & Technical Session**  
**6:00 PM Dinner & Business Meeting**  
**7:00 PM Technical Program / Speaker Presentation**

*Chapter Members \$ 25.00 • Guests \$ 30.00 • Students \$ 20.00 • Meal Plan \$ 110.00*



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## Message From The President

In spite of the terrorist actions at the World Trade Centre in New York, the Pentagon in Washington, and in Pennsylvania, we had an very good turnout for our first meeting of the new year in September. I would like to thank all of you for your participation. It was a difficult day and I realize how much all of us needed to be with loved ones. I am sure you all join me in extending our thoughts and prayers for the victims of that terrible day and to their families.

September was our first meeting at the Royal Hamilton Yacht Club and I believe we all found this venue to be very pleasant as it overlooks the harbour and docking facilities of the Yacht Club. I encourage all of you to come out to future meetings and experience this facility.

Our before dinner Technical Talk featured Glenn Schuyler discussing the various benefits of being involved with ASHRAE technical committees. The after dinner speaker was Rob Boyko. He featured the various options available for heat recovery equipment. Thank you Glen and Rob!

This month we are highlighting the processes involved in achieving substantial completion on construction projects. We have 5 very competent panel speakers who will provide their views on how this is best achieved. I think you will agree with me that achieving substantial completion on any project can be a frustrating process for all parties involved. Please come out and see how this forum can help.

Finally, I would like to let you know that I have a \$100 voucher for any ASHRAE member attending the Winter Meeting in Atlantic City, New Jersey, January 12 to 16, 2002. This voucher is for any ASHRAE member who have never gone to a winter or summer meeting. If you or anyone you know are interested in using this voucher, please give me a call or see me at the October meeting. There is only one available, so it is first come, first served!!

See you October 9.

*George Robb, Hamilton Chapter President 01/02*

## *Chapter History*

### **Hamilton Chapter Member: Glenn Schuyler – Historical Bio**

Glenn Schuyler is one of the most active members from this chapter on various ASHRAE TCs (technical committees). He has been Chairman of TC 2.5 Air Flow Around Buildings, and a corresponding member of TC 9.10 Laboratory Systems and TC 5.8 Industrial Ventilation.

Glenn is Vice-President of Engineering at RWDI Consulting Engineers in Guelph Ontario. Glenn is a long time member of the Hamilton Chapter and the Society.

At a recent Chapter Meeting Glenn explained about the 93 TCs in the Society who are each responsible for a) preparing a portion of the text in the Handbooks, b) originating, coordinating and supervising Society sponsored research projects, c) presenting peer reviewed technical programs at the two annual Society meetings, and D) evaluating the need for Standards.

After graduating from the U of T in aerospace engineering in 1974, Glenn found that ASHRAE and its TC structure was the perfect vehicle to get to know the key players in our industry, plus keep you up-to-date on current practices, learn what the hot issues are and have a number of world expert as contacts. Glenn is so supportive of ASHRAE that he now sends four others from his office to the Society Meetings.

At the Meeting, Glenn explained the format of a Society meeting and the purpose and flavour of each of the different technical sessions and presentations – from the meetings of a specific TC to the formal Technical Sessions where results from fundamental concepts and basic theory are covered with published papers, to the one-on-one Poster Sessions where you get to speak directly with the authors, to Symposiums which are sponsored by a TCs to present papers on current applications, Seminars which feature subjects of current interest or theme – no papers are available so you must be present to get the relevant practical information, and Forums, an off-the-record discussion of a current

issue – again no published paper so you must be there to benefit.

Glenn went on to detail how a TC produces a RTAR – Research Topic Acceptance Request. This helps identify what you want to improve, gives a justification, they are then collected from the various TCs, prioritized, if selected, work statement prepared, bidders are considered and picked, project tracked - on time on budget, with a final published document answering “ what you initially wanted”. Process takes years to complete and the key is to ensure the research requested is valuable and not too grand an objective.

Glenn pointed out that the TCs are now looking at “Design Guides” as many members are complaining that the Handbooks are not practical enough. Cooling Towers is one planned to be out soon. Many more being considered.

We in the Chapter are fortunate having a local member volunteering so much of his time to ASHRAE’s technical side yet he counters that it has many rewards.

*George Menzies, Hamilton Chapter Historian 01/02*

### *Did you say that you wanted to sit in the “GOLDS”?*

Attention all ASHRAE members who would like to bring guests to an ASHRAE meeting.

Special “ASHRAE” meeting “GUEST DINNER TICKETS” are available at the special introductory price of \$100.00 for a book of 4 tickets.

These tickets allow you to treat a special friend or customer to a meeting. They will work even though you may not be able to attend!

These special tickets will insure that your guest is properly introduced to ASHRAE.

Pick up yours today! Contact a member to the executive or see your sales rep at the next meeting!!

## Upcoming Events of Interest

Increase Your  
Professional  
Knowledge



Earn CEU/PDH  
or AIA Learning  
Unit Credit

Attend ASHRAE Learning Institute's  
Professional Development Seminars  
in Montreal, PQ (CANADA)



**Design & Remediation to  
Achieve Acceptable Indoor Air Quality**  
October 15-16, 2001



**Designing Desiccant Systems for  
Pre-Conditioning Outdoor Air**  
October 17, 2001

For complete program and registration information,  
Visit ASHRAE's website at: [www.ashrae.org](http://www.ashrae.org)  
or contact

**ASHRAE Customer Service**  
1-800-527-4723  
Fax: 404-321-5478

## **2001 - 2002 Meeting Schedule**

This year's meeting schedule is summarised below. Except for some special events, all meetings will be held at the **Royal Hamilton Yacht Club, North end of McNab St. on Hamilton Harbour** - **If you need a map, check out our web site at <http://www.vaxxine.com/ashrae/>**. During the 5:00 PM to 6:00 PM Social Hour, a half hour "technical session" on the basics of a particular subject relating to our industry is presented. If a session sounds interesting to you, feel free to attend. Presentations are made by our members and this forum is open to all who wish to share his or her expertise. New products and/or services are presented informally via a "table top demonstration". After dinner, the main topic of the evening is presented by a "feature speaker". If you are interested in presenting a technical session, please contact Dave Stacey. If you want to book the table top space to promote your product or service, or if you have a suggestion for a feature subject and/or speaker, contact John Pollock, George Robb, or any other member of the executive. There is a charge of \$ 75.00 for "Table Top" demonstration space, and this includes a business card ad for two months.

<b>2001 – 2002 ASHRAE HAMILTON CHAPTER PROGRAM ACTIVITY</b>				
<b>Month/Date</b>	<b>Theme</b>	<b>Tech Session 5:00 – 6:00 p.m.</b>	<b>Table Top Presentation</b>	<b>Guest Speaker/Main Topic</b>
October 9, 2001	TEGA	Substantial Completion – The Holy Grail An Open Discussion on Commissioning and Project Occupancy		
November 13, 2001	Research	Pressurization Fans <i>(David Rasmussen, Delhi Fans)</i>	Delhi Fans	Air Supported Structures Yeadon Fabric Structures <i>(Milosh Nadvourik)</i>
December 1, 2001	History	Christmas Event – Niagara Under Glass – Vineland, Ontario		
January 8, 2002	Student	Air flow Measurement Devices		Air System Balancing <i>(Dave Lipsit, Air Audit)</i>
February 12, 2002	Membership		York	Underfloor Air Distribution Systems <i>(York Air Conditioning)</i>
March 12, 2002	TEGA	Heat Pump Operation	CSSI	A new Concept for Hotel HVAC <i>(Bob Rutherford, CSSI)</i>
April 9, 2002	Research	Motor Selection for Explosive Environments		Tobacco Kiln Retrofit Measures <i>(DeCloute Mfg.)</i>
May 2002	Refrigeration	Tour of Toyota Motor Manufacturing – Cambridge, Ontario		
June 2002	Membership/ Research	Annual Golf Tournament – Whirlpool Golf Course, Niagara Falls Benefits of ASHRAE and Membership		
<b>All meetings are at the Royal Hamilton Yacht Club, North end of McNab St. on Hamilton Harbour unless noted otherwise.</b>				

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