

## ASHRAE LONDON CANADA CHAPTER HISTORY

The idea of forming a Chapter of ASHRAE in London Ontario Canada had been in the minds of a number of people for sometime, but it was not until <sup>THE FALL OF</sup> some time in 1970 when Jack Vanstone got together with Cliff Morrison, over a longer than usual lunch, that the idea started to firm up into a definite proposal. As Cliff Morrison explained the longer the lunch lasted the better ASHRAE started to look. As a result of this meeting and other ~~MEETINGS~~ held with other interested parties, including John Bisset and Russ Gonder, a formal meeting to organise the proposed chapter was held at M.M. Dillon's Board Room on Jan. 19 1971. Those in attendance were J. Vanstone, C.R. Morrison, J. Hoyle, F. Lucas and, J.B. Bisset.

The proposed Board of Governors to consist of:

President:	J. Vanstone
Vice President	C.R. Morrison
Secretary	J.B. Bisset
Treasurer	R. Gonder
Membership	D. Palser
Telephone	F. Lucas
Bulletin	J. Hoyle
Social	L. Bloxham

Proposed Chapter By-Laws were submitted by Cliff Morrison and a list of prospective members by Jack Vanstone. A number of other matters were discussed, including meeting dates, chapter dues, speakers, and the date was set for a further organisational dinner meeting to be held on Feb. 16 1971. This meeting was to introduce additional <sup>people</sup> ~~persons~~ to ASHRAE and hopefully obtain more people for committee work.

The proposed Chapter, dinner meeting held on Feb.16 1971 at Highland Golf & Country Club, must be considered a success as 22 ~~persons~~ <sup>PEOPLE</sup> attended and took part in budget discussions, requirements for forming a Chapter, and how to join Society. At this time there were only 9 - ASHRAE members in the London area. Society admission fees were \$12.50, annual dues \$27.50 and reduced rates were offered to those under 30 years of \$7.50 & \$17.50 respectively.

The first regular meeting of the, Proposed London Chapter was on March 2nd 1971 at Sunningdale Country Club and was attended by 54 ~~persons~~ <sup>people</sup> including 18 from Hamilton Chapter. Guest speaker was Region II Membership Chairman Wilf Woodcock, subject: ASHRAE organisation and the organisation's relationship to the H.V.A.C. industry. Hamilton Chapter President Frank Smith also spoke on Chapter Operation.

The board of Governors attended meetings on Mar. 30 71, Apr. 27 71, May 25 71 & June 22 71 with the following highlights: Individual meeting charge will be \$4.00 including, \$2.50 - \$3.00 for the meal. Annual dues will be about \$30.00, and the guest fee to be \$5.00. Cliff Morrison reported on his attendance at C.R.C., and Russ Gonder reported the bank balance as of June 22 71 to be \$89.50.

A regular meeting of the proposed London Canada Chapter took place on April 13 1971 at Highland Country Club and was attended by 41 ~~persons~~ <sup>people</sup>, all from the London area. Wilf Lamb, Arch. was the guest speaker, with a look at the future of the City of London, Ontario. Entitled 'London 2000'.

The final regular meeting of the 1970-71 season <sup>WAS</sup> June 8th 71 at Highland Country Club with guest speaker, Prof. David Kuechle University of Western Ontario, Business School. Subject: Labour Relations

1971-72 Jack Vanstone President

The first London Canada Chapter Golf Tournament was held in September at \_\_\_\_\_ with a good turn out. Dick Carey was the first winner of the Governors Trophy. This trophy had been subscribed to by the Chapter Board of Governors at their August planning meeting.

The speaker at the October meeting was Darrel J. Hermans, Johnson Controls. Subject: Air & Water Systems Balancing. Regional Director, Jake Klassen was also in attendance, and at a prior meeting with the Board of Governors, confirmed the London Canada Chapter had been accepted as official chapter effective August 1971. Charter night was to be arranged for next May 1972.

The November meeting at Highland Country Club was addressed by Terry Murphy of Trane Co. on the subject of 'Variable Volume Systems'. Treasurer, Russ Gonder reported Chapter membership stood at 32 as of Nov.30th and the bank balance was \$1005.00.

Garnet Nelson, Air Management branch of the Dept. of Energy & Resources, was the speaker at the Jan.1972 meeting at Highland Country Club. Subject: Research and Background of the Standards set by Energy & Resources.

Bob Kalle of Wintec Corporation Ltd spoke on 'Project Management' at the February meeting, and Andrew T. Boggs of ASHRAE New York spoke on the subject of 'ASHRAE History at the March meeting, both of which were at Highland Country Club.

Mr Don Allen Ph.D. President of Vibron was the April speaker at Highland Country Club on the subject of 'Sound'.

The London Canada Chapter received it's Charter on May 8th 72 at a well attended meeting, about 80 people, at Highland Country Club. The presentation was made to Chapter President, Jack Vanstone by ~~Society Presidential member~~ <sup>PAST PRESIDENT</sup> Mr W.G. Hole and the ASHRAE

Banner was presented by Frank Smith Immediate Past President of Hamilton Chapter, the sponsoring chapter, Region <sup>8</sup>IL Director Jake Klassen also presented the gavel. The Chapter was the 117th to be chartered.

Appendix 1 Charter Night Program listing Officers and Charter Members.

The last regular meeting of the 1971-72 year was held at the University Club, University of Western Ontario, on June 13 1972. Reception, Dinner, and elections for the coming year were followed by a tour of the University South Chiller Plant.

1972-73 Cliff Morrison President

There are no records on file for the year 1972-73 including a lack of entries in the guest book.

1973 - 74 John Bisset President

The Annual Golf Tournament was at Indian Hills with Fred Sanders coming out on top, and a foursome from Hamilton Chapter returned home with the Frank Smith Memorial Cup. This cup is in memory of Frank Smith and his many contributions to ASHRAE in general and this Chapter in particular, and is intended to be contended for annually at alternating venues. 48 people were at the tournament.

31 Members and 6 guests attended the October Meeting, where it was announced that immediate Past President Cliff Morrison was appointed Region II Education Chairman. The Speaker was Bob Stevenson of Sheldons Engineering. Topic: 'Fans and the application of A.M.C.A. Developed Factors to be applied to fan catalogue ratings for various types of duct systems'. The 1973-74 Chapter fees were set at \$35.00

The November meeting was held at the University Club, University of Western Ontario, and included a tour of Electrical & Mechanical facilities at UNiversity Hospital. After the tour Mr J. Potter of Wing Company, gave an interesting talk on Rotary air to air heat exchangers, which was well received.

At the January Chapter meeting at Highland Golf and Country Club, Education Committee Chairman, Jack McMillan reported University Of western Ontario had 14 students in the HVAC option, and Fanshawe Community College about 30- students. The Executive had proposed a Student, Chapter Entrance Fee of \$12.00 to cover news letter mailing and \$3.00 per meeting attended. Society was asking all Chapters to form an Energy Conservation Committee, and Dick Palser Membership Chairman announced the Chapter had won a Blue Ribbon Award for increase in membership during 1972-73. Dr E.G. Pleva of U.W.O., Geography Dept., was the speaker on the topic "London in the Year 2000" There were 50 paid up members as of Dec. 31 1973.

The February meeting at Highland Country Club received its first report from the new Energy Conservation Committee under Vice President Russ Gonder. 8 Students from Fanshawe College with their instructor Mr M. Cody attended the meeting, and the talk by Mr J. Laidler of S.A. Armstrong Co., was on the subject: Domestic Water Booster & Fire Package Pumping Systems.

The March meeting at Highland was informed John Payne was appointed Region ~~I~~ Assistant Education Chairman and Walter Deans would take over Chapter research Chairman from Jack Vanstone. The speaker was Mr K. Higgins of the Johnson Service Co., whose Topic was "Centralised Computerised Control Systems" and included an audio-visual presentation prepared by Illinois Bell Telephone Co.

The Ivanhoe Curling Club was the venue for the April meeting. The speaker was Mr H.C. Bierworth, Vice Pres. Engineering, Mammoth Div. of Lear-Siegler Inc., who gave an illustrated presentation of "Computer Simulations of Rooftop Systems" applied to 2 typical buildings.

The May meeting was back at Highland Golf & Country Club, where it was agreed the Chapter would be telephone polled to determine how many would be in favour of changing the meeting night from the second Tuesday to the fourth Monday of the month. This was necessary to avoid conflict with other functions being held at Highland on Tuesdays. The guest speaker Mr J. McKnight of Carrier Corp., spoke on the topic: The Refrigeration Cycle.

The last meeting of the 1973-74 year met at Highland Country Club on June 11 74. The news letter contained a brief summary prepared by Jeff Haywood of the proposed new Standards put out by the National Bureau of Standards, Ottawa, dealing with energy conservation in new buildings. After installation of the new Chapter officers, John Whalen of John Whalen Ltd Chaired a panel discussion,

comparing Fixed Price Contracts versus Incremental Pricing. The panelist were L. Bloxam, Emco Supply. J. Barth, B.I.B. Gen. Contractors A. Wilson, Wilson & Somerville Elect Conts. & B. Dickey, University of Western Ontario. The fourth Monday of each month was chosen as the new Chapter meeting day commencing Sept 23 1974.

1974-75 Russ Gonder President

The annual Chapter Golf Tournament was played at Thames Valley on Sept. 18 74. The cost was \$12.00 for golf and dinner and \$8.00 for dinner only. 42 Played golf and a further 18 came to dinner. John Hoyle was awarded the Governors Trophy. Chapter dues remained at \$35.00 and 12 new members joined Chapter. In addition 13 Students were enrolled. Average attendance during the year was 36 including guests, and it was reported the Chapter had about 60 members.

The above info was abstracted from the first news letter of the 1975-76 season, but otherwise there are no other records on file for this year.



1975-76 Jack Henderson President

The Annual Golf Tournament was played Sept. 15 75 at Thames Valley Golf Club, and the opening chapter meeting on Sept. 22 75 featured a talk given by a speaker from Ontario Hydro titled: An Update on Energy Conservation.

The speaker at the January meeting held at Highland Country Club was Steve Bellringer of Union<sup>o</sup> Gas Limited whose subject was: The Future of Natural Gas in Ontario.

The February meeting at Highland Country Club featured 4 Student speakers from University of Western Ontario introduced by Prof. J.D. Tarasuk, Faculty of Engineering Science. Mr Don Ledgett Chairman of Region 2 attended and presented a Red Ribbon for the Presidential Award of Excellence and a Blue Ribbon for increase in membership, both for 1974-75 year.

The March meeting was at University of Western Ontario. Reception and dinner at Somerville House, folowed by a tour of the Main Heating & Cooling Plants, Central Maintenance and the Central Control System. After the tour a discussion period was addressed by Mr Stan Toal, Superintendent of Utilities. Mr George Chorley, Chorley & Bisset, and Mr Richard Gee of Johnson Controls.

The topic for the April meeting was: Application of Water Source Heat Pumps for Energy Conservation, and the reception and dinner at Highland Country Club was preceeded by a tour of London Towers. A Commercial & Residential Complex under construction

with approximately 350 Heat Pumps. The speaker was Mr Tom Rogers, Manager of HVAC, American Air Filter Ltd, Montreal. This month's newsletter reported Chapter fees as \$45.00/annum and guest & student fees as \$7.00 & \$4.00 respectively. Membership stood at 48.

The final meeting of the 75-76 year held at at Highland Country Club featured a Past President John Bisset of Chorley & Bisset Ltd,, on the Topic "Building Energy Analysis by Computer", He spoke about the use of computer programs to model the efficiency of older buildings and the design of new buildings.

#### 1976-77 Wayne Barker President

The Annual Golf Tournament was played on sept. 15 76. Cost: Golf and Dinner \$15.00. Dinner only \$10.00, 46 played and 56 sat down to dinner. Rick Battersby was low gross and Wayne Barker was low net. Unfortunately John Hoyle was unable to locate the Governors Trophy he was awarded last year in time to present it to Rick.

The Speaker at the first meeting of the year at Highland Golf & Country Club was Mr Don Allen, Trane Co., Toronto. Topic: Free Cooling with Heat Pumps Utilising Centravacs.

The October meeting Topic was "Pumps Large & Small, Installation & Servicing. The Speaker was Mr Brian McGovern, S.A. Armstrong Co. In the newsletter Research Chairman John Bisset revealed Chapter had collected \$640.00 for ASHRAE Research Canada during the 75-76 year. the target was \$650.00. 42 Members had paid their dues to date. New Region 2 Director Mr Georges Menzies attended the meeting and presented the Chapter with the Presidential Award of Excellence for the second year in a row.

Mr Barry Alexander, Sun Temp Solar Systems, made a presentation on "Installed Solar Heating Systems" at the November Meeting held

at Highland Country Club.

The January meeting at Highland Country Club featured Prof. T.W. McDonald, University of Windsor, speaking on the ASHRAE Research project they had contracted to perform. Subject: Multiple Tube Evaporator and Condenser Thermosiphon Loops. Mr George Menzies Director and Chairman of Region 2 and Mr Al Oaks Research Promotion Chairman of Region 2 also attended the meeting to help kick off the annual Chapter research fund drive.

In February the meeting at Highland Country Club was addressed by Mr Fehrm, Vice-President & General Manager of Symmons Industries Inc. Braintree, Mass. Subject: Application of Pressure Balance Valves in Plumbing Systems. A well presented subject.

28 Members and 6 guests were present for the March meeting at Highland Country Club. The Speaker was Stanton Stevenson, Stevenson, Evans & Polishuk, Barristers & Solicitors, London. The subject: Trust Mechanical Liens Act in the Construction Industry.

At the March Executive meeting Chuck Sharp advised the paid up membership was 58

The April meeting featured 2-speakers from Honeywell, Doug McDonald, Residential Div. and George Robb, Protective Systems Specialist, Commercial Div. The Topic was of current interest. "Ionisation Smoke Detection, Residential & Commercial design applications.

The last meeting of the year on May 30th 77 was also the fifth anniversary of the presentation of the Charter, and the Chapter celebrated with a steak dinner accompanied by wine. The Speaker was Mr Peter Shaw, Solar Energy Society of Canada, London Chapter. 31 Members and 7 guests were in attendance.

1977-78 John Payne President

Regional re-organisation was discussed at the Aug. 22 77 Board of Governors meeting in which some disagreement was expressed by the Board to some of the proposed changes. The Chapter's views would be conveyed in writing to the Presidential Committee headed by Richard P. Perry. The Energy Conservation Committee and other interested parties would meet at Union Gas Ltd on Aug 29th 77 to consider the draft proposal and changes to the "Canadian Code for Energy Conservation in New Buildings". They would formulate our views and submit recommendations to the Region 2 Energy Conservation Committee who would be making a joint submission to N.R.C. Ottawa.

The Annual Golf Tournament was held at Fanshawe Golf Club on Wed. 14th Sept 77.

The regular Sept. Chapter meeting at Highland Country Club was addressed by Mr George C. Lill, P.Eng., Keeprite Products. The Topic : Heat Pumps - A Challenge to Heat Pump design applicable to the Canadian situation. Annual dues were raised from \$45.00 to \$48.00. Research Promotion under John Bisset had raised \$940.00 during the previous year.

At the October meeting at Highland Country Club, Mr Terry Base, University of Western Ontario, spoke on the subject of wind as an energy source. The title: Alternate Energy Sources. The Membership was advised details of the Chapters Regional Conference being hosted by our Chapter on April 19, 20 & 21st 1978, and volunteers were called for to assist the hard working CRC Committee comprising: Cliff & Jean Morrison, John & Jerry Payne, Russ & Lee Gonder, Jack & Beth Henderson, and Wayne & Gail Barker.

Mr Roy Duxbury, Technical Director, 3M Canada Inc. was the Speaker at our November meeting at Highland Country Club.

His Subject: Metrification. This was an opportune time as the use of metric measurement was due to start in Canada on Jan 1st 78.

Mr Ian Blake, Agatronics Ltd, and Mr Doug Rispin, Thermalchek Ltd shared the podium at our January 78 meeting at Highland Country Club. Their Subject: Infra-Red Thermography, and it's many Applications. The Infra-Red Camera was demonstrated and the talk ranged over it's use to detect heat losses from buildings and insulated pipes, to spotting Grain or Forest fires.

The February meeting at Highland Country Club featured a panel discussion on "Water Source Heat Pumps" chaired by Len Swallow. The panelists were all Chapter members. Bill Mitchell, John Hoyle, Watson Ball, and Jeff Hayward, and stimulated much interest from a well attended meeting.

Three University of Western Ontario Students were the Speakers at the March meeting held at Highland Country Club. They gave talks on their research projects as follows: Bob Romak & Paul Von Hatten, " Evaluation of Solar Energy Media (solids) for forced air systems" Norm Clarke, "The Design and Testing of Heat Reclaim from domestic clothes dryers" The Chapter awarded each Student \$25.00.

The April meeting was combined with the Chapters Regional Conference Banquet held at University Club, University of Western Ontario. The presiding officer was John Payne, London Chapter President. The regular business of the Chapter meeting concluded with proposing the slate of officers for next year. Orlando Zamprogna for the Mayor, welcomed delegates to London and Southwestern Ontario, and Charles Sepsy,ASHRAE Treasure spoke on the theme "Our Commitment at This Time". He pointed out the ever increasing scope of ASHRAE research and the <sup>PUBLICS</sup> expectation of answers from us in the future. Wayne Barker introduced the principal speaker. Dr Alan Davenport, who talked about the work being carried out in the Boundary Layer

Wind Tunnel, and it's application to projects such as the C.N. Tower and the World Trade Centre in New York. The evening concluded with tours of the wind tunnel facility folowed by dancing until 12:30 am. The cost of attendance at this function was \$25.00 per couple or \$15.00 single.

The final meeting of the 77-78 year was at Highland Country Club and featured a Chapter Past President Russ Gonder, Assistant Director, Operations & Maintenance Section. University of Western Ontario. His Topic was "Conversion of Constant Volume System to Variable Volume", at the Social Sciences Building.

APPENDIX A

CHARTER MEMBERS

- |                 |                |
|-----------------|----------------|
| Barker, W.A.    | Kvas, K.       |
| Darr, L.H.      | Lucas, F.      |
| Bastorg, W.N.   | McMillan, J.   |
| Bisset, J.B.    | Morrison, C.R. |
| Dloxan, L.      | Muir, L.       |
| Caroy, R.       | Noble, L.      |
| Chamberlain, H. | Payne, J.J.    |
| Clare, W.       | Payne, J.M.    |
| Clarke, W.L.    | Palser, R.J.   |
| Clark, V.       | Poole, J.A.    |
| Cookson, T.     | Ramer, G.A.    |
| Dobson, E.      | Redman, J.     |
| Fitzsimmons, R. | Reid, J.       |
| Gonder, R.A.    | Spornitz, W.   |
| Harwood, D.     | Vanstone, J.H. |
| Henderson, J.   | Walls, G.M.    |
| Haywood, J.     | Welch, W.T.    |
| Hoyle, J.       | Yooman, J.     |
| Iverson, J.     | Young, R.      |
| Kowalythyn, J.  | Zurbrigg, R.   |



CHARTER NIGHT PROGRAM

Monday May 8, 1972

for the  
 London Canada Chapter  
 of the  
 American Society of  
 Heating, Refrigerating  
 and Air Conditioning  
 Engineers, Inc.

117th CHAPTER

PROGRAM

- 6:00 P.M. Reception.
- 7:00 P.M. Dinner.
- 8:00 P.M. Presentation of headtable guests and historical information on the new Charter by Jacob Klassen, Director Region II.
- Presentation of Charter by David Rickelton; Vice President.
- Installation of Officers.
- Special Presentations.
- Appreciation by the Chapter President.

OFFICERS OF THE CHAPTER

- |                     |                |
|---------------------|----------------|
| John H. Vanstone    | President      |
| Clifton R. Morrison | Vice-President |
| John B. Bisset      | Secretary      |
| Russel A. Gonder    | Treasurer      |

COMMITTEE CHAIRMEN

- |              |                |
|--------------|----------------|
| Membership : | R. J. Palser   |
| Social :     | J. W. Hoyle    |
| Speakers :   | C. R. Morrison |
| Telephone :  | L. A. Muir     |





Appendix  
London Canada Council  
Boards of Governors

	1971 - 72	1972 - 73	1973 - 74
President	J.A. Vanstone	C.B. Macpherson	J.H. ...
Vice-President	G.I. Morrison	J.H. ...	J.H. ...
Secretary	J.B. Bisset	P.B. ...	J.H. ...
Treasurer	B.A. Conder	J.H. ...	J.H. ...
	1974 - 75	1975 - 76	1976 - 77
President	B.A. Conder	J.H. ...	J.H. ...
Vice-President	J.L. Henderson	W.H. ...	J.H. ...
Secretary	W.H. Barker	J.H. ...	J.H. ...
Treasurer	J.J. Payne	J.H. ...	J.H. ...
	1977 - 78	1978 - 79	
President	J.J. Payne	W.W. ...	
Vice-President	B.W. ...	C.L. ...	
Secretary	C.L. Sharp	W.J. ...	
Treasurer	W.A. Rutherford	B.L. ...	

