



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

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Debra A. Canady-Foster

Membership Manager

July 23, 1993

TO: Delegates and Alternates - Region II

FROM: Debra Canady-Foster *DC*

SUBJECT: Chapters Regional Conference

Dear Members:

The CRC meeting of Region II will be held September 16 - 18, 1993 in Quebec, PQ. The following items are enclosed for your use at the meeting.

1. Instructions to Delegates and Alternates.
2. Copy of minutes of the 1992 meeting.
3. List of Delegates and Alternates from your region to the CRC.
4. Instructions for CRC Summary Report.
5. ASHRAE CRC Summary Report.
6. Travel Voucher. Mileage will be reimbursed at .28 cents, if travel to the CRC is by automobile. ASHRAE's travel expense reimbursement policy is outlined on the reverse side of the enclosed voucher. (The Society will reimburse Delegates and Alternates for their economy air fare only. Lodging, meals and other expenses are not reimbursed by the Society, nor are any expenses for companions.)
7. Three biographical forms. These will serve the following purposes:
 - A. Suggestions for Society Officers and Directors-at-Large for terms starting July, 1994.

- B. Suggestions for members to serve on Society Committees.
- C. Candidates for Society Honors and Awards (Fellow, Distinguished Service, etc.).

Biographies for Items A and B should be forwarded directly to the Society Secretary. Please indicate on the forms the purpose for which they are submitted.

Biographies for Item C should be forwarded directly to the Chairman of the Honors and Awards Committee, c/o ASHRAE Headquarters, 1791 Tullie Circle, N.E., Atlanta, GA 30329. In addition to the biographical form, a statement of recommendation, which includes details of the candidate's accomplishments should be submitted by the chapter sponsoring the candidate.

- 8. Outline of Society Honors and Regional Awards requirements.
- 9. Regional Honors and Awards listing.
- 10. Worksheet.

The Chapters Regional Conference is the principal vehicle for the collection of chapters' suggestions concerning the operation and policies of the Society. You will be instructed by your chapter as to specific recommendations for CRC discussion.

A paramount duty of the CRC is to select one member and one alternate to the ASHRAE Nominating Committee. This is one of the most important of the Society's committees, with the responsibility of selecting and nominating people who will guide the affairs of the organization and conduct its operations. The welfare of the Society and the achievement of its objectives must be the committee's principal consideration. Please take note that the Bylaws specify that a member of the committee "shall have been a full member in good standing in the Society for a period of at least five years at the time of selection."

The effectiveness of a technical society is based on the active participation of its members and the functioning of its committees. Our research program, standards development, meetings papers and the technology included in the Handbooks and technical bulletins are all dependent upon our 150 committees and subcommittees. Recommending members for these committee activities is a chapter's responsibility. As a delegate to the CRC, it becomes your duty to propose such names to the CRC for its consideration and further recommendation to Headquarters. To speed the regular business session, these names are frequently chosen after group discussion at a preliminary caucus, usually held the night before the meeting. Be sure to indicate the committee for which the individual is being recommended.

At the CRC meeting you are the "official representative" of your chapter and should be prepared to present your chapter's opinion on subjects discussed. Your Regional Chairman will distribute an agenda for the meeting and you should review it with your chapter officers or Board of Governors.

11. Guidelines for Motions and Resolutions.

ASHRAE can be meaningful if its local groups indicate needed action, whether it be in publications, standards, meetings or in the support of its chapters. You, as a chapter delegate, can insure that your chapter's requests concerning any of these areas are brought to the attention of the CRC.

Please note: It is your obligation upon returning to your home chapter to give a full report on the discussions and activities occurring at the meeting.

Additional information concerning the CRC will be sent to you by the Host Chapter prior to the meeting. If you have any questions, please feel free to contact our office at Headquarters or your Regional Chairman.

DCF/cje

cc: Chapter Presidents
Regional Chairman, Dalton J. McIntyre
Regional Nominating Member and Alternate
Regional Vice Chairmen
Neil R. Patterson, President
John S. Blossom, Vice-President
Frank M. Coda, Staff Representative

INSTRUCTIONS TO DELEGATE & ALTERNATE FOR CRCs

Chapters Regional Committee Meeting

There are four parts to the chapters Regional Committee Meeting held in conjunction with the Chapters Regional Conference (CRC): the Orientation Session, the Caucus, the Business Session and the Executive Session. As a delegate or alternate, you will be involved in all four of these sessions.

Orientation Session

Open to all attendees, this session is held prior to the Caucus so that the Director and Regional chairmen can instruct the delegates and alternates on procedures and to advise them as to the regional and Society positions to be filled. During this session other non-caucus attendees can provide advice and counsel as specifically requested by a delegate or alternate. The attendance of delegates and alternates is mandatory.

Caucus (Closed Session)

This is an informal session. It is usually held at the beginning of the Chapters Regional Conference attended by only the delegates and alternates from the chapters, the regional Nominating Committee Member and the regional Nominating Committee Alternate. The purpose is to provide a forum for the chapters to present and discuss their recommendations for candidates for regional and Society positions, Society committees, and regional and Society honors and awards. The regional Nominating Committee Member chairs the session and the host chapter delegate is the secretary. Minutes of the Caucus are not to be published. During the Caucus, the delegates and alternates should present the biographies of the candidates who will be recommended for offices and/or honors and awards. Enough copies of the biographies should be available so that each person attending may have a copy. The two Nominating Committee representatives shall not be present while their nominations are being discussed. The host delegate shall become the temporary chair.

Business Session

Each chapter shall, as a minimum, prepare the following in one complete binder:

1. A completely filled-out Summary Report Form (Attachment W).
2. Report of Chapter Activities for the preceding year, including committee reports.
3. Chapter Committee Chairmen's MBOs.
4. A sample newsletter.
5. The Chapter's roster.

After the report phase of the Business Session, the Chapters are encouraged to present action items for changes in any Chapter, Regional or Society activities or policies.

All reports and action items presented at the Chapters Regional Conference will take place at the Business Session, except for those items specified for the Executive Session.

The chapter Delegate is the voting member. The regional vice chairmen, the regional Nominating Committee Member and the regional Nominating Committee Alternate attend in their official capacity. The Regional Chairman is chairman of the meeting. The chapter delegates report on the progress of their chapters and student branches and their recommendations concerning policy, procedures and operations of Society. Motions that are passed are then brought forward to Regions Council for further consideration.

Executive Session (Closed Session)

Only the delegates and alternates from the chapters, the regional Nominating Committee Member and the regional Nominating Committee Alternate may attend the Executive Session. The regional Nominating Committee Member is the chairman. The host chapter delegate is the secretary. Minutes of the Executive Session shall not be published. Chapter delegates vote for candidates for the following:

1. Nominating Committee Member and Alternate
2. Regional Vice Chairmen
3. Society Honors and Awards
4. Regional Award of Merit
5. Society Officers and Board of Directors (including Regional Chairman, if appropriate)
6. Society Committees

Report

The regional Nominating Committee representative will forward the report of the Executive Session to Society Executive Director/Secretary at Headquarters within 30 days of the meeting. Members who serve on grassroots committees (Regional Vice Chairmen) should be contacted as their willingness to serve before their names are submitted in this report.

REGION II - 35TH ANNUAL CHAPTERS' JUL 14 1993REGIONAL CONFERENCEAUGUST 27 - 29, 1992HALIFAX NOVA SCOTIAPC PRE CAUCUS SESSION

- PC.1 Dalton McIntyre gave instructions to delegates and alternates.
- PC.2 Billy Manning - Thanked all for coming. Acknowledged the experience in the Region. Noted that this being his 3rd consecutive visit and 2nd to Halifax. Charged the Delegates with providing two backups for the Vice Chairman and the DRC. Stated there were problems because delegates did not select back-ups for Vice Chairman and also that in the attempt to get qualified people it is important that these are the type of people that are selected. This is the second CRC he attended this fall and one in the spring. Said ASHRAE needs a Canadian VP. Honours and awards come up from Delegates and the Chapters. He likes to see that Halifax have the average number challenged. Looking forward to a great CRC.
- PC.3 Dick Hayter - Delighted to be in Halifax. Mentioned the importance to provide technical information to grass roots and not just to think of them as two separate societies. Noticed that so many times that Chapters forget that there are so many opportunities for their Chapter members and often forget to suggest their names. Challenged all to look at those in your Chapter. Mentioned that Neil Paterson, president elect will be actively seeking names come March. Thanked Region II for making families welcomed as much as they did.
- PC.4 Richard Wright - Glad to be back to Region II. Looking forward to the activities to come.
- PC.5 Richard Nanes - Thrilled to be in Halifax. Glad to be Dalton's guest. 2nd trip to Region II. Director of Region III, small geographically but population wise represents nearly 10% of ASHRAE members with 4300 plus members in 12 chapters and 19 Student Chapters. Baltimore being his home Chapter. CRC will be held in Philadelphia in the middle of September. Invitation to all. Comment

in French and English, thank you and good luck with your conference.

PC.6 Session was turned over to Paul Conrad and John Bissett for caucus.

P PLENARY SESSION

P.1 Paul Conrad, CRC Host Chairman welcomed everyone on behalf of the Halifax Chapter.

Joan Conrad, Halifax Chapter Hostess, welcomed the companions

Sandra Starrett, Halifax Chapter Hostess, welcomed everyone in French.

P.2 Paul Conrad introduced the head table.

P.3 Following introductions opening remarks were made by Society representatives.

1. FIRST BUSINESS SESSION

1.1 CALL TO ORDER

Dalton McIntyre, ASHRAE Director and Regional Chairman, called session to order at 4:30 P.M. Thursday, August 27, 1992, in the Halifax room of the Sheraton Hotel, Halifax, Nova Scotia, and welcomed all those present.

Paul Conrad introduced the head table as follows:

Richard Wright, Director of Technology ASHRAE
Richard Hayter, Vice President, Society
Billy Manning, Treasurer, Society
Dalton McIntyre, Director and Region II Chairman
Richard Nanes, Director and Region III Chairman
Paul Conrad, CRC Host Chairman
Gerard Doyle, CRC Host Co-Chairman
Heather Hughes, Recording Secretary

1.2 Election of Secretary

On Motion by Bob Kelly and seconded by Darryl Boyce, Bob Thibault of Halifax, was elected Secretary for the CRC.

1.3 ROLL CALL

The attendance sheet was passed and all were asked to sign it. Verbal introduction of each member was given. See Appendix A.

Mississauga Chapter was not present.

1.4 APPROVAL OF CRC 1991 MINUTES

1.4.1 REVISIONS TO MINUTES OF 1991 CRC

Correction of Region II 1991 CRC minutes:
item 1.9.6 - page 5.- Mr. Landray presented the first "Ice-Man" award for Region II.

1.5 BUSINESS ARISING FROM THE MINUTES

1.5.1 Darryl Boyce referred to motion 91-2 Chapter 037 for CRC 91 which required that Bios be supplied 60 days prior to CRC. This did not happen.

1.5.2 Motion 91-1 Chapter 015 from CRC 91 was defeated at Society.

1.6 ADDITIONS TO AGENDA ITEMS

1.6.1 PAOE Program for 1992-93

1.6.2 Travel Vouchers

1.6.3 Communications by FAX

1.6.4 CRC evaluation form

1.6.5 Alcoholic beverages at ASHRAE events

1.7

1991-92 REPORTS AND 1992-93 MBO'S

1.7.1

DALTON MCINTYRE - DIRECTOR AND REGION II CHAIRMAN

Mr. McIntyre welcomed everyone to Halifax.

Communication is still a concern. All Chapters are to provide copies of mailing list for Chapter Newsletters, Chapter Meeting minutes and Chapter Board of Governors to Dalton.

Reported that all Chapters were visited in 91-92. Seven chapter were visited by two RVC'S and four had one visit each.

Regional newsletters including three bi-lingual were issued.

Dalton noted that he and a Regional Vice Chairman visited Mississauga Chapter. They were encouraged to have four representatives at this CRC to show that they were a viable chapter.

1.7.2

JOHN BISSET - PAST RVC EDUCATIONAL ACTIVITIES

John Bisset reported an overall satisfying year. Stated the highlights include Ville de Quebec Chapter forming a Student Branch and the New Brunswick Chapter established a Scholarship Fund was set up in the amount of \$11,000.00 at University of New Brunswick and Universite de Moncton for \$7,000.00.

Showed a 3.5% increase in student membership. Toronto, Saguenay-Lac-Jean and Ville de Quebec showed a net increase of 36 students members together.

Special mention to Saguenay-Lac-St Jean Chapter of a 19% increased to a total of 81 student members.

Mr. Bisset hoped we will be able to institute an Award for "Regional Student Branch of the Year".

Expressed disappointment that of the 16 student paper entries submitted to Society only one had come from Region II.

A goal of the Committee is to "develop recommendation for faculty and student involvement at CRC'S".

Mr. Bisset found his three year term a "very satisfying experience".

THOMAS MacDONALD - RVC EDUCATIONAL ACTIVITIES

Three objectives with a six step management plan was presented.

1.7.3 DAN CASTELLAN - RVC RESEARCH PROMOTION

Mr. Castellan presented the June 1992 report from Gary Scott past RVC.

There was \$67,251 collected from a goal of \$95,540.

The Canadian Economy and participation by the Chapter RP committees were the main reasons that Region II did not reach goal.

Five suggestions were presented to increase participation by RP committees.

Mr. Castellan presented his five MBO's.

1.7.4 JOHN DUGAN - RVC MEMBERSHIP PROMOTION

As of June 30, 1992 the following is reported:

220 new members	8.1% of assigned 2724
258 delinquent	9.5% of assigned 2724
34 advancements	1.2% of assigned 2724
6013 PAOE points	51% of possible 11,856
8 of 11 chapters exceeded PAOE par	
2680 paid members representing a 2% loss	

Special thanks to Windsor, Quebec, London, and Montreal for a warm reception.

1.7.5 SIMON JOL - RVC TECHNICAL ENERGY AND GOVERNMENT AFFAIRS

Report given at second business session, as follows:

Mr Jol visited most Chapters last year, attendance was good.

Chapter programs have increased their technical content and more are using Society prepared material, especially videos.

Technology awards seem difficult to promote due to economy.

There appears to be increased Government Affairs activity.

1.7.6 JOHN POLLOCK - RVC REFRIGERATION

Reported on second half of last year.

Mr. Pollock reported a loss from the Chapter Executives and Committees of at least 4 Chapter Refrigeration Chairmen. Despite this, he is very proud of the Chapter achievement in Region II.

John was involved with 2 seminars which saw a profit of over \$4,000.00.

Commented that he works for ASHRAE and ASHRAE work for him.

Five MBO's were presented.

1.7.7 CLIFF THOMPSON - REGIONAL HISTORIAN

Workshop was held Aug 24 at CRC Windsor, with 11 attendees.

Cliff Thompson stated his attendance on May 9 Planning Meeting in Ottawa and submitted a Historical report.

Requested information, but Historians are not replying requests with the exception of Jean Luc Morin who submitted a two page report followed by a very complete history of the first five years of the Ville de Quebec Chapter.

Cliff went into detail about awards and points to receive.

Discussed the Historians job, and expressed criteria in selecting good chapter Historians. Make sure Historian has only one job.

Four MBO's were presented along with a development plan.

1.7.8 PAUL CONRAD - DELEGATE NOMINATING COMMITTEE

Verbal report was given by Paul Conrad. They had a meeting where several names were proposed for various positions. Checking on bios etc. Felt confident that goals would be met by nominating committee in the Executive session.

First Business session closed at 6:00 P.M. Aug.27. 1992.

SECOND BUSINESS SESSION

Second Session opened at 8:00 A.M. on Aug. 28, 1992

2.1 ADDRESSED BY SOCIETY OFFICER - RICHARD HAYTER

Dick Charles', Society President, theme is sharing resources globally. The reason being that members needs differ and can be meet by sharing resources and expertise in order to help humanity. We have many student members and we must share with them to ensure our global future.

ASHRAE helps humanity in four areas:

- Research. ASHRAE approved \$1.1 million in new project that include topics such as; 11 projects dealing with the CFC issue, guidelines for thermal storage, 10 projects on IAQ and many more topics. Region II has 8 projects totalling \$750,000. ASHRAE has committed \$2.3 million in 82 projects. The key to success is that funding is provided by volunteers and ideas from members.

- Standards. ASHRAE has 69 committees issuing standards on things such as safety guidelines, refrigerant classification, Building Automation System communication, ventilation for proper IAQ, Energy Conservation and many others.

- Publication. ASHRAE handbooks are written and reviewed by chapter volunteers and are constantly being revised. Many publication are now in video format. Shortly a PC database program providing abstracts on most ASHRAE publications for members to use.

- Continuing Education. At our major meetings it is evident that there is much technology transfer but virtually every day somewhere in the world there is ASHRAE involvement in some form of information interchange. ASHRAE sponsors conferences around the world on many topics. There were 25 PDS seminars in the past year in many locals including Region II. ASHRAE is working on converting PDS into correspondence courses. There will soon be full semester courses to help new Engineers as well as encourage advancement by all.

ASHRAE has re-organised forming the Technical Energy and Government Affairs Committee as well as the Education Council. The Board recently approved a 15 goal plan and a strategic plan of 45 objectives all to meet President Charles' theme of sharing resources globally.

2.2

ADDRESSED BY SOCIETY STAFF REPRESENTATIVE - RICHARD WRIGHT

Headquarters is in Atlanta and it's purpose is to know where expertise is and coordinate with the volunteer experts. ASHRAE has 55,000 members and 90 employees. Headquarters has been recently renovated and meets standards 90.1, 62 and 55(comfort).

Most volunteers are on technical committees and task groups which has 1200 involved. There are 600 members involved in standards. All members are urged to become involved and participate. About 2000 in total volunteer to actively participate.

One problem with standards is that because standards are applied throughout the world ASHRAE is involved with US agencies but there must be involvement with agencies in other countries to make it universal.

Conferences are held on various topics to discuss problems and solutions that have an impact on our industry, such as IAQ, productivity, CFC's and others. The outcome of these conferences are published and accessible to members.

Mr. Wright invited any member to come discuss any problem or willingness to become involved.

2.3

CHAPTER REPORTS

2.3.1

HALIFAX CHAPTER - ROBERT KELLY, DELEGATE

Mr. Kelly reported a successful year and that the chapter had been very busy getting ready for CRC '92.

Many changes in Committee Chairman and this was a year of learning. Brought in a new Education Chairman part way through due to retirement.

Program Committee worked hard but had a few problems and relied on local Chapter members. CFC's were a hot topic.

Lower average attendance possibly due to speakers and economy. The economy also showed in RP contributions.

Halifax has Society collect dues and feel it helps.

Thanked the Executive for their hard work.

2.3.2 NEW BRUNSWICK CHAPTER - BRIEN STOREY, DELEGATE

Brien Storey reported the past year being one of success but yet being difficult for the Chapter.

Able to meet objectives and achieved a 19% increase in meeting attendance at monthly meeting, although losing 2 members of the executive as a result of the recession. P.A.O.E. points dropped considerably from last year.

Expressed success with a meeting in Saint John involving members that do not normally attend.

An addition of \$11,000.00 funds resulting from M.E.E.T. '92 Trade Exhibition in April of 1992 for the local Chapter.

Brien Storey expressed a sincere thanks to all who gave their time and energy and wished all a great success for next term.

Set up scholarship in local university for ASHRAE.

2.3.3 LA VILLE DE QUEBEC CHAPTER - JEAN BUNDOCK, DELEGATE

Jean Bundock reported of success in events for this year especially that of "Computers valuable partners for ASHRAE". All around success with a high 5 goal, even with recession.

Problems as well with the Refrigeration chairman due to a resignation in the beginning of the year.

As side from success, also presented a 5 years history of the Quebec Chapter.

Jean Bundock thanked all for the good work this year.

Attendance at meetings was increased 10% over previous year.

Personal comments were added by Jean Bundock, one being the effort to communicate and report in French. Thanked colleges for doing more and putting efforts forward.

Second business session closed at 9:35 on Aug. 28, 1992.

AWARDS AND PRESIDENTS LUNCHEON

Address was given by City of Halifax Mayor Her Worship Moira Ducharme.

Billy Manning, Society Treasurer, delivered the address on behalf of Society President Richard Charles.

Technical Session

- .1 Bill MacGregor gave a presentation on Fluidized bed technology.
- .2 Benoit Casault gave a presentation on his research project which is funded by ASHRAE Grant-in-Aid.
- .3 V. Ismet Ugersal gave a presentation on residential heat pumps.

THIRD BUSINESS SESSION

Third business session opened at 1:35 on Aug. 29, 1992.

Chapter reports continue from second business session

2.3.4 SAGUENAY-LAC-ST-JEAN CHAPTER - PIERRE LAVOIE, DELEGATE

A good year despite some resignations.

Membership growth started the year with thirty-six (36) area assigned members and fifty (50) area student members, the chapter had a growth of four (4) members.

In Saguenay Lac-St-Jean chapter, Pierre Lavoie reported that importance was put on education and technical activities and felt a general improvement in quality.

Many activities were reported as having good participation.

2.3.5 MONTREAL CHAPTER - DANIEL ROBERT, DELEGATE

91/92 was a very successful year for the chapter especially membership. The fee structure was well received by membership as it increased 20% from 213 to 255. Average attendance went up from 65 in 90/91 to 85 this year.

In education, 6 awards were given for excellence.

Energy & Technical affairs was active this year. A one-day seminar on air quality was held in October 91.

Refrigeration committee worked with BOMA to put together a very popular seminar on CFC'S in April of 92, close to 200 people attended.

To date have collected close to \$4000 for Research Promotion which represents 50% of total goal.

2.3.6 OTTAWA VALLEY CHAPTER - NEIL ARMSTRONG, DELEGATE

Neil Armstrong mentioned the following in his outline.

Reported a generally successful year despite misunderstanding of the reporting protocol for committees.

The Chapter closed the year with a modest surplus of \$6,000.00.

Main goal is to get back to last years chapter membership.

Education committee active in promotions and co-sponsored a seminar on CFC'S.

Research Promotion presented a challenge, with a net collection of 60% of the goal.

2.3.7 TORONTO CHAPTER - BILL FINES, DELEGATE

Bill Fines reported an actual gain of 69 new members but the overall membership drop was 14%.

Increase of 20% in chapter meeting attendance which is 80 members to 96. Mentioned goal to get 30 new student members to join the various student branches during the year of 1991-1992 season.

Finances approach the coming fiscal year with a balance of \$34,203.02.

Bill Fines reported an excellent all day seminar and exhibition on Commercial Cooling Alternatives, attended by 300.

Chapter contributions to ASHRAE Research this year came to \$22,500.00.

He touched on the cost of meals at meetings, and will take back to the board to discuss further.

Comment was made by Bill of 50 new student members, starting with 103 and finished with 116 paid student members for a net gain of 13.

2.3.8 MISSISSAUGA CHAPTER

No representative was present.

2.3.9 HAMILTON CHAPTER, DARYL SOMERS, DELEGATE

Daryl Somers reported Hamilton is in it's 33rd year and continuing to be strong. Some problems were those due to the loss of Chapter Programs/Education Chairman, Membership chairman/Vice President, Newsletter Editor, and the

E.T.A. Chairmen's neglect of responsibilities.

Items such as a well developed Refrigeration Seminar, Golf tournament with 64 golfers, which produced a profit of \$420.00, first time ski trip and an increase in membership and advancements was shown to have been a success.

Stated finishing third in region II on PAOE points collected for research dollars.

Briefly touched on location being moved for better access.

2.3.10 LONDON CHAPTER - DARRYL BOYCE, DELEGATE

Darryl Boyce reported success through the work of the Board of Governors and Committee Chairmen and in an increasing interest in Chapter activities.

20th year of operation. Increased Chapter members from 47 to 53 and an increase in average meeting attendance from 37 to 40.

Established a past presidents advisory committee with co-sponsor-ship enabling them to contribute money to research.

2.3.11 WINDSOR CHAPTER - DON WINKUP, DELEGATE

Don Winkup reported the finances being sound at \$3,402.

The technical sessions were highlighted by an Ontario Hydro presentation of ASHRAE 90.1.

Discussed that Research Promotion did well with a contribution of \$3,240.00.

Don stated briefly the newsletters improvement along with a growth in membership goals of 3% achieved by Donald Rich.

No report for chapter membership dues for next year.

Touched on GST problems for all if compliance or non-compliance.

MOTIONS FROM CHAPTERS

#92-1. Halifax Chapter

Motion: Moved that chapter Assessment contribution to the CRC be paid 90 days in advance of CRC, effective September 1, 1992.

Background Information:

A) Useful as a starting fund for early preparation of CRC.

B) Removed time of contribution away from summer time.

Second: Jean Bundock - Quebec Chapter

REGIONAL MOTION

CARRIED

#92-2. Halifax Chapter

Motion: Moved that Society denote the value of the handbooks received yearly by the ASHRAE member to less than \$20.00, effective January 1, 1993. The value to be clearly shown on the cover for Canadian members.

Background Information:

Goods entering Canada are assessed a dollar value by Revenue. Canadians are subject to duty and Government Services Taxes which each ASHRAE member must pay.

Second: Darryl Boyce

MOTION WITHDRAWN

#92-1, Ottawa Valley Chapter

Motion: That membership application information, including the information provided for students, be made available in French.

Background Information:

A) The information relative to the benefits of Society memberships is a valuable tool.

MOTION WITHDRAWN

Substitute Motion: Darryl Boyce - London Chapter
That membership information be made available in French but not the actual application form.

Second: Bill Fines - Toronto Chapter

CARRIED

#92-2, Ottawa Valley Chapter

Motion: That the guidelines for the Gold Ribbon Award and Certificate be modified as follows:
The first entry to cover the founding and the first five to ten years for the Chapter. Subsequent entries to be in ten year segments until the Chapter history is up to date. The existing criteria would then apply with the five year up dates.

Background Information:

To reduce the formidable task of the longer established chapters to obtain PAOE Points.

Second: Jean Bundock - Quebec Chapter

CARRIED

#92-3. Ottawa Valley Chapter

Motion: That the Regional Chairman be permitted to authorize substitutions for attendance at CRC'S for eligibility for transportation reimbursement, without affecting the PAOE point criteria.

Background Information:

If a committee chairman cannot attend the chapter loses financial support, incurs added expenses and are penalized with loss of PAOE points.

Second: Daryl Somers - Hamilton Chapter.

CARRIED

#92-4. Ottawa Valley Chapter

Motion: That the "Presidential Newsletter" addressed to "Chapter Presidents" outlining the PAOE for 93/94 include within the reporting procedure instruction and approximate dates for the chapters to report to the Region.

Background Information:

To insure Chapters report on time and their year and total reflects the true level of activity in each category.

Second: Brian Norton - Montreal Chapter

CARRIED

#92-1, Toronto Chapter

Motion: The Charter for Mississauga Chapter be withdrawn and former Toronto and Hamilton chapter boundaries be re-instated.

Background Information:

Mississauga chapter has not been able to gain support.

Second: Darryl Boyce - London Chapter

CARRIED

#92-1, Hamilton Chapter

Motion: Move by the Hamilton Chapter that society consider a change in the application fee for new members to \$50.00 US for prospective members who apply after Jan. 30th.

Background Information:

A significant number of potential new members who are interested in membership are vowing to wait until the "new" year to get the full year for their money. A reduced rate after Jan 30th would help offset this argument and the potential member would proceed while interest is keen.

Amendment: To excluded the manual.

Second: Darryl Boyce - London Chapter

DEFEATED

#92-2. Hamilton Chapter

Motion: The Hamilton Chapter moves that the ASHRAE board of Director authorize an official letter to be sent to the Carrier Corporation, Division of United Technologies informing them that their ongoing print and electronic advertising which stated "in 1902 Willis Carrier invented air conditioning" presents an opinion of a historical fact. This opinion is untrue and incomplete statement of the air conditioning industry.

Background Information:

"No individual or firm can take credit for all or any larger parts of these developments. They are the mutual outgrowth of busy intelligent minds aiming toward improvement and attempting to develop the appeal of air conditioning to Engineers, Architects, contractors and owners so that the standards of the industry are not lowered to the detriment of all concerned."

Excerpt from Heating and Ventilation Vol. 26 June 1922
Willis H. Carrier

Second: Don Winkup - Windsor Chapter

DEFEATED

#92-1. London Chapter

Motion: The ASHRAE Board of Governors, through the Technology Council, consider the transfer of Chapter Programming support from the Technical, Energy and Government Activities Committee to the Refrigeration Committee.

Background Information:

Recent reorganization of the councils and grassroots Committees has created additional work for an already overloaded Committee. Transfer of the Chapter programs support to the Refrigeration Committee will support the focus of the committee and challenge to this underutilized committee.

Second: Don Winkup - Windsor Chapter

DEFEATED
CARRIED

#92-1, Windsor Chapter

Motion: It is moved that ASHRAE II Technical, Educational and Governmental affairs V.C. contact the appropriate federal Government office, and offer ASHRAE assistance, with their discretion, to establishing a uniform language for all of a Canada in the handling of the CFC and allied problems.

Background Information:

Municipal governments are passing by-laws that are not in the public interest.

Second: Darryl Boyce - London Chapter

REGIONAL MOTION

CARRIED

3.0 MOTIONS FROM WORKSHOPS

#92-3, Halifax Chapter

Motion: Move that residential and multi-residential buildings be added to the categories included in the Technology Awards Activities covered by PAOE.

Background Information:

Heating and cooling of residential building is becoming more complex and innovative.

Residential sector consumes a substantial portion of energy.

ASHRAE studies go towards residential applications.

Second: Brien Storey - New Brunswick Chapter

CARRIED

#92-2, Windsor Chapter

Motion: It is moved that ASHRAE Atlanta should study the development and cost to the chapters of a PC software package for use by the Chapter Secretary to facilitate the preparation of minutes for meetings by simply filling in the "Blanks".

Background Information:

Up-dating will assure better reporting to society.

Second: Darryl Boyce - London Chapter

Chairman voting

CARRIED

#92-2, Toronto

Motion: To develop a dual structure that will recognize multiple membership from employees through a reduction in society membership form all NEW members joining in chapter year in 1992-1993 while reverting such members to full membership dues in subsequently years to be determined.

Background Information:

Recognizing the downturn of membership and result in income. A potential income base for the future.

Second: Pierre Lavoie - Saguenay Lac St-Jean

DEFEATED

3.3 Action Items

No Action Items

3.4 WORKSHOP REPORT

Brief Workshop reports were given at Saturday Lunch.

Workshops were well attended with no problems. Participation by committee chairman encouraged

3.5 Regional Fund

The Regional fund handled by Treasurer of this CRC. Will transfer to the CRC 93 Treasurer by January 1993. There was discussion that the Regional Fund be used to supplement the travelling expenses of chapters to even out expenses. It was stated that the fund was introduced to assist the DRC's expenses and was to be used at his discretion.

3.6 ITEMS ADDED TO THE AGENDA

3.6.1 PAOE PROGRAM FOR 1992-93

Delegates were given copies.

3.6.2 TRAVEL

Travel vouchers to be submitted to DRC.

American Express travel plan offers reduced cost to members and families. Cost can be direct billed to ASHRAE.

3.6.3 COMMUNICATIONS BY FAX

Fax communication was discussed.

3.6.4 CRC EVALUATION FORM

Evaluation forms were handed out.

3.6.5 ALCOHOLIC BEVERAGES

Be responsible.

Use of hotel or restaurant services preferable.

3.6.6 COMMENTS

Comments came in concern with GST, customs, and bilingual languages, offered support for cost for regional Chairman. Fax machines not being on or un-cooperative.

3.7 Future CRC's

1993 La Ville de Quebec Chapter	August 26-28
1994 Ottawa Valley Chapter	September 22-24
1995 Toronto Chapter	September 21-23
1996 Hamilton Chapter	September 19-21
1997 London Chapter	Undecided
1998 Saguenay-Lac-St Jean	Undecided

3.8 ADJOURNMENT

Third business session adjourned 4:05 P.M, Aug. 29, 1992.

APPENDIX

A

C.I.C.'90 HALIFAX N.S.

Attendance

Delegates, Alternates & Region Officers

Chapter	Person	PS	CA	EX	1	2	3	C1	TS	C2	EA	TE	MP	RP	RE	HI
Halifax	D-Robert Kelly	X	X	X	X	X	X			X					X	
	A-Paul Aucoin	X	X	X	X	X	X			X	X					
N. B.	D-Brien Storey	X	X	X	X	X	X		X						X	
	A-Alyre Gallant	X	X	X	X	X	X		X							
Quebec	D-Jean Bundock	X	X	X	X	X	X			X		X		X		
	A-Denis Forin	X	X	X	X	X	X			X			X			
Saquenay	D-Pierre Lavoie	X	X	X	X	X	X			X			X			
	A-Raynald Bouchard	X	X	X	X	X	X			X		X			X	
Montreal	D-Daniel Robert	X	X	X	X	X	X		X	X					X	X
	A-Roland Charneux	X	X	X	X	X	X		X	X	X				X	
Ottawa	D-Neil Armstrong	X	X	X	X	X	X		X	X					X	X
	A-Ross McIntyre	X	X	X	X	X	X		X	X					X	
Toronto	D-William Fines	X	X	X	X	X	X		X	X	X				X	
	A-John Hodge	X	X	X	X	X	X		X	X		X				
Hamilton	D-Daryl Somers	X	X	X	X	X	X		X	X		X				
	A-Wilfred Laman	X	X	X	X	X	X		X	X	X					
London	D-Darryl Boyce	X	X	X	X	X	X			X				CH		
	A-Owen Glendon	X	X	X	X	X	X			X					X	
Windsor	D-Don Winkup	X	X	X	X	X	X		X	X					X	
	A-Frank Frabotta	X	X	X	X	X	X		X	X	X	X				
Regional Officers																
DRC	Dalton McIntyre	X			X	X	X	X	X	X	X	X	X	X	X	X
EA	Tom MacDonald	X			X	X	X	X	X	X	VC					
TEGA	Simon Jol					X	X	X	X	X		VC				
Membership	John Dugan	X			X	X	X	X	X	X			VC			
Research	Dan Castellan	X			X	X	X	X	X	X				VC		
Refrigeration	John Pollock	X			X	X	X	X	X	X					VC	
Historian	Cliff Thompson	X			X	X	X	X	X	X						CH
Nominating	Paul Conrad	X	X	X	X	X	X		X		X					CH
	John Bissett	X	X	X	X	X	X				X					

PS - Plenary Session

CA - Caucus

EX - Executive Session

1 - Business Session 1

2 - Business Session 2

3 - Business Session 3

TS - Technical Session

C1 - Chapter Operations Workshop 1

C2 - Chapter Operations Workshop 2

EA - Education Activities Workshop

TE - TEGA Workshop Workshop

MP - Membership Promotion Workshop

RP - Research Promotion Workshop

RE - Refrigeration Workshop

HI - Historian Workshop

Attendance

Chapter	Attendee	PS	CA	EX:1	2	3	C1	TS	C2	EA	TE	MP	RP	RE	HI
Halifax	Gary Scott	X				X							X		
	Doug Rafuse				X										
	Scott Starrett						X	X							
	Elmer Spencer					X	X	X					CH		
	Denis Morris						X	X						X	
	Peter Boyd Brown						X	X							X
	George Buckler					X									
	Peter Melnyk											CH			
	Ismet Ugersal									CH					
	Peter Meridew										X				
	Wayne Chiasson							X							
	Terry Phelan							X							
N.B.	Claude Gallant					X	X	X	X					X	
	Gary Fahie							X					X		
	Derrick Palmer							X					CH		
	Rod Collins							X							X
	Paul Stockton							X			X				
	Bili Goobie							X		X					
	Steve Mailman							X			CH				
	Denis Sears							X							
Quebec	Marc Fontaine	X			X	X	X						CH		
	Pierre Guillemette						X			X					CH
	Jean-Luc Morin	X			X		X	X	X						
	Michel Bouchard				X	X	X				CH				
	Yves Vezina	X			X	X	X	X	X				CH		
	Robert Dollard				X	X	X	X						X	
	Guy Perreault				X		X							X	
	Yves Trudel						X								X
	Christian Lessard							X		CH					
	Denis Potvin					X	X							X	
Ray Courtemanche															
Saquenay	Real Gaudreault				X		X		X				CH		
Montreal	Marcel Cyr							X	X			CH	CH		
	Laurier Nichols					X		X	X		CH			X	
	Brian Norton														
Ottawa	Marc Carriere					X			X				CH		
	Chris Frauley													CH	
	Wassin Faraj									X					
	Robin Craig					X			X			CH			
	Bob Kilpatrick					X						X			



CRC by the sea!!
August 27, 28 & 29, 1992
Halifax, Nova Scotia
Registration Form

DRESS CODE: Optional - No bathing suits, no tuxedos

- | | |
|--|--|
| <input type="checkbox"/> A/ Full Registration (DEL/ALT/MEM) | <input type="checkbox"/> B/ Full Registration (Companion) |
| 1/ Registration Fee | 1/ Registration Fee |
| 2/ Thursday p.m. Welcome Party | 2/ Thursday p.m. Welcome Party |
| 3/ Friday a.m. Breakfast | 3/ Friday a.m. Breakfast |
| 4/ Friday President's Lunch | 4/ Friday a.m. Peggy's Cove Tour |
| 5/ Technical Session | 5/ Friday p.m. Historic Feast Show |
| 6/ Friday p.m. Historic Feast Show | 6/ Saturday a.m. Breakfast |
| 7/ Saturday a.m. Breakfast | 7/ Saturday a.m. Halifax Historic Tour |
| 8/ Saturday p.m. Lunch | 8/ Hospitality |
| 9/ Hospitality | 9/ Coffee Breaks |
| 10/ Coffee Breaks | |
| TOTAL PACKAGE \$ 170.00 | TOTAL PACKAGE \$ 125.00 |

Partial Registration

- | | |
|--|----------------|
| <input type="checkbox"/> C/ Registration Fee | \$ 10.00 |
| <input type="checkbox"/> D/ Thursday p.m. Welcome Party | \$ 15.00 |
| <input type="checkbox"/> E/ Friday a.m. Breakfast | \$ 10.00 |
| <input type="checkbox"/> F/ Friday p.m. President's Lunch | \$ 35.00 |
| <input type="checkbox"/> G/ Friday p.m. Technical Sessions | \$ 10.00 |
| <input type="checkbox"/> H/ Friday p.m. Historic Feast Show | \$ 60.00 |
| <input type="checkbox"/> I/ Saturday a.m. Breakfast | \$ 10.00 |
| <input type="checkbox"/> J/ Saturday p.m. Lunch | \$ 25.00 |
| <input type="checkbox"/> K/ Peggy's Cove Tour (Friday a.m.) | \$ 20.00 |
| <input type="checkbox"/> L/ Halifax Historic Tour (Saturday a.m.) | \$ 20.00 |

Total amount of check \$ _____

NAME: _____
 CHAPTER: _____
 POSITION: _____
 ADDRESS: _____
 COMPANY: _____
 PHONE/FAX: _____
 COMPANION: _____

If ground transportation is required from the airport, please indicate the following:

Carrier _____ Flight No. _____ ETA _____

Note! and travel reservations are your responsibility. For Hotel reservations see attached form or contact your travel agent.

Travel policy: In some cases air fares can be substantially reduced if the member stays over one Saturday night at one of their destination points. If this is the case and if the total cost of the reduced fare plus one night lodging, meals and ground transportation is less than the lowest cost air fare available without a one-night stay over, then ASHRAE will reimburse the member for the low-cost air fare plus lodging, meals and ground transportation for the extra night.

Please return completed registration form and your check before July 15, 1992.

TO: ASHRAE Halifax Chapter
 P.O. Box 8986
 Station A
 Halifax, Nova Scotia
 B3K 5M6
 ATT: Doug Rafuse

PHONE:(902) 421-6416 FAX:(902) 421-2938

CRC '92 HALIFAX
REVENUES VS EXPENDITURES

<u>REVENUE</u>	<u>BUDGET</u>	<u>ACTUAL</u>
1. CHAPTER ASSESSMENTS @ \$5.00/M	5850.00	5640.00
2. SOCIETY CONTRIBUTION \$1500 U.S.	1776.00	1776.00
3. FULL REGISTRATION @ \$170/M	5950.00	17297.00
PRESIDENT'S LUNCHEON @ \$20	700.00	
HISTORIC FEAST SHOW @ \$60	1200.00	
SATURDAY LUNCH		
COMPANIONS @ \$125	2500.00	
CHAPTER REG. MEMBER @ \$155	2325.00	
CHAPTER REG. COMPANIONS @ \$65	650.00	
4. CORPORATE DONATIONS	0.00	2500.00
5. BANK INTEREST	<u>0.00</u>	<u>135.98</u>
 TOTAL	 20951.00	 27348.78
 <u>EXPENSES</u>		
1. HOTEL MEETING ROOMS	3001.00	7771.27
BREAKFAST FRI. AND SAT.	1050.00	
PRESIDENT'S LUNCHEON	2100.00	
LUNCH SATURDAY	1260.00	
COFFE BREAKS	735.00	
2. HOTEL ROOM DRC	506.00	459.03
3. EQUIPMENT RENTAL	1300.00	2675.32
4. HARBOUR TOUR (WEDNESDAY PM)	0.00	200.00
5. BOAT TOUR (THURSDAY)	750.00	756.40
6. COMPANION TOURS	596.00	1140.63
7. HISTORIC FEAST FRIDAY	5000.00	6550.00
8. HOSPITALITY SUPPLIES	500.00	168.85
9. RECORDING SECRETARY	600.00	210.00
10. MISC. POSTAGE, PHOTOCOPYING ETC.	1800.00	277.14
11. REG. MATERIAL, GIFTS	1600.00	589.39
12. COMMITTEE MEETING EXPENSES	103.00	335.29
13. TRANSPORTATION/PARKING	<u>0.00</u>	<u>325.49</u>
 TOTAL	 20951.00	 21458.81
 GROSS SURPLUS		 5890.17
 CONTRIBUTION TO REGIONAL FUND		 2945.09
 NET SURPLUS		 2945.08

PER: ELMER SPENCER CRC '92 TREASURER

Prepared by E. Spencer



BUDGET - CRC-93 QUEBEC

REVENUS

1. CHAPTER ASSESSMENT (5, \$ X 1200 MEMBER)	6 000, \$
2. SOCIETY CONTRIBUTION (1 500, \$ U.S.)	1 700, \$
3. REGISTRATION - DEL./ALT. (45, \$ X 175,00)	7 858, \$
4. REGISTRATION - COMP. (A) (125, \$ X 10)	1 250, \$
5. REGISTRATION - COMP. (B) (100, \$ X 10)	1 000, \$
6. REGISTRATION - FULL CHAPTER MEM. (150, \$ X 40)	6 000, \$
7. CORPORATE DONATIONS (CHECKING IT OUT)	2 000, \$
	<u>25 825, \$</u>
TOTAL REVENUE =	25 825, \$

EXPENSES

1. HOTEL SPACE, MEETING ROOMS	1 500, \$
2. THUR. P.M. ST-LAWRENCE RIVER TOUR	1 500, \$
3. FRI. A.M. BREAKFAST (12, \$ X 60)	540, \$
4. FRI. P.M. PRESIDENTS LUNCH (35, \$ X 80)	2 800, \$
5. FRI. P.M. HISTORIC FEAST (60, \$ X 125)	7 500, \$
6. SAT. A.M. BREAKFAST (12, \$ X 60)	720, \$
7. SAT. P.M. LUNCH (25, \$ X 60)	1 500, \$
8. FRI. A.M. COMPANION TOUR	500, \$
9. FRI. P.M. COMPANION TOUR	500, \$
10. COFFEE BREAKS (100, \$ X 5)	500, \$
11. HOSPITALITY ROOM SUPPLIES	1 500, \$
12. PRINTING, MAILING, POSTAGE, PHOTOCOPIES	2 500, \$
13. EQUIPMENT RENTALS	1 000, \$
14. AWARDS, TELEPHONE CALLS, REG. MATERIAL	2 500, \$
15. TRANSPORTATION/TECH SESSION	300, \$
16. MISC.	465, \$
	<u>25 825, \$</u>
TOTAL EXPENSES =	25 825, \$

REGISTRATION PACKAGE

PACKAGE (MEMBER/ALT.) 175, \$	PARTIAL (COMPANION TOUR) 20, \$
PACKAGE (COMPANION -A) 125, \$	PARTIAL (FRI. BREAKFAST) 20, \$
PACKAGE (COMPANION -B) 100, \$	PARTIAL FRI. PRES. LUNCH) 50, \$
PACKAGE (FULL CHAPTER MEMBERS) 150, \$	PARTIAL (FRI. QUEBEC NIGHT) 100, \$
	PARTIAL (SAT. BREAKFAST) 20, \$
	PARTIAL (SAT. LUNCH) 30, \$
	PARTIAL (TECHNICAL TOUR) 10, \$

Companions

Day 1 Thursday August 27, 1992

- 11:00am- 5:00pm Registration
- 1:00pm- 5:00pm Companion Room - Open (Suite 292)
- 4:10pm- 4:30pm Plenary Session
- 7:00pm- 8:00pm Welcome Party
- 9:30pm-11:00pm Hospitality Room - Open (Suite 292)

Day 2 Friday August 28, 1992

- 7:30am- 5:00pm Registration
- 7:00am- 5:00pm Companion Room - Open
- 7:00am- 9:00am Breakfast - Coffee & Muffins
- 8:00am-11:45am Scenic Tour of Peggy's Cove
- 12:00pm- 2:00pm Awards and President's Lunch
- 2:00pm- 4:30pm Halifax Walking Tour
- 7:00pm Regional Social Function
Historic Feast
- 10:00pm-11:00pm Hospitality Room - Open

Day 3 Saturday August 29, 1992

- 7:00am- 9:00am Registration
- 8:30am- 3:30am Companion Room - Open
- 8:30am- 9:30am Breakfast - Coffee & Muffins
- 9:30am-12:00pm Tour of Historic Halifax
- 3:30pm Vacation Tour of Nova Scotia or Return to Home Chapter

Hospitality Events

Halifax Walking Tour

Time: 2 & 1/2 hours

Discover the old core of downtown Halifax. Since 1749, Halifax has grown and changed; but continues to combine just the right mix of old and new. The eloquent arches of Georgian and Victorian architecture not only convey the heroic age which is past, but strongly qualify the present and insist that whatever the metropolitan community becomes, Halifax's delightful human scale will be retained. Romance clings to Halifax's historic downtown like the early morning mists from the sea and many citizens cherish the very stones from which the old seaport was built. Discover Halifax for yourself.

91st Halifax

Time: 2 & 1/2 hours

This history and anecdote filled ride through the streets of Halifax will introduce you to one of North America's most unique and captivating destinations. Hear of the days of rumrunning and privatizing, Halifax during the war years, and of the exploits and heroism of the many citizens that lived through the devastating explosion of the ammunition ship *Mont Blanc* on December 6, 1917. The excursion includes stops at the Public Gardens, one of North America's most beautiful Victorian gardens; the Maritime Museum of the Atlantic, to explore sea trade and its effects on Halifax; and Citadel Hill, with the many forts that have protected Halifax since its founding in 1749.

Peggy's Cove

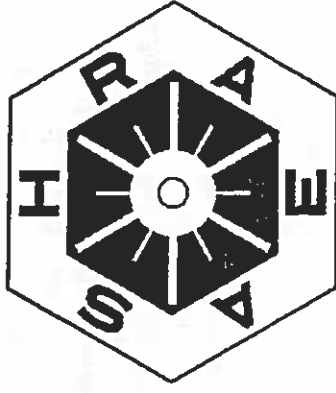
Time: 4 hours

Peggy's Cove has been an artists and explorers paradise for well over 150 years. This picture postcard village on the rugged Atlantic shoreline, stands on solid rock above the crashing surf. The lighthouse here is the most photographed in the world and the only one in North America to have a post office within it. The coastline is famous for picnics, shipwrecks, rumrunning and sunsets. At the cove, there will be plenty of time for shopping and exploring.

Historic Feast

Front Porch Swing

It's summertime again, and what better way to spend it than on the front porch? Throw in some good friends and some nosey neighbours, set it in Cape Breton, and you've got the makin's of a good old-fashioned summertime frolic. Join the Historic Feast cast as they sing traditional Nova Scotian favourites. This summertime treat comes complete with our famous four-course meal and a show that's sure to knock your socks off. Don't miss this delightful piece of Maritime humour starring the hardest working singers, actors and dancers in the Atlantic provinces.



CRC by the sea!!

August 27, 28 & 29,

1992

Halifax, Nova Scotia

ASHRAE CRC '92

Schedule of Events

Day 1 Thursday August 27, 1992

- 7:00am- 2:00pm Travel from Home Chapter
- 11:00am- 5:00pm Registration (Halifax Foyer)
- 11:00am- 2:00pm Pass In Chapter and RVC reports, MBO's and Motions to Host Chapter for assembly into Manuals - All Chapters and RVC's
- 2:00pm- 2:30pm Pre-Caucus Meeting Del., All., and Open to all (Halifax A)
- 1 Instruction by Society Officers and DRC
- 2 Purpose of Caucus
- 2:30pm- 4:00pm Caucus- Del. and All. (Halifax A)
- 2:30pm- 4:00pm RVC, DRC and Society Officers Meeting (Halifax A)
- 4:00pm- 4:10pm Coffee Break - Open to all
- 4:10pm- 4:30pm Plenary Session Del., All., Companions Open to All (Halifax A)
 - 1 Welcome - Members
 - 2 Welcome - Companion
 - 3 Introductions
 - 4 Remarks by Society Representative
- 4:30pm- 6:00pm 1st Business Session - Open to All (Halifax A)
 - 1 Call to order
 - 2 Election of Secretary
 - 3 Roll Call
 - 4 Approval of CRC '91 Minutes
 - 5 Business arising of Minutes
 - 6 Addition to Agenda
 - 7 Regional Chairman's Report
 - 8 Reports and MBO's from RCV's
 - 9 Report from Historian
 - 10 Report from Nominating
- 7:00pm- 8:00pm Welcome Party - Open to All, Harbour Tour - Cash Bar
- 8:00pm Dinner at Restaurant of your choice
- 9:30pm- 11:00pm Hospitality Room - Open (Suite 292)

Day 2 Friday August 28, 1992

- 6:45am- 8:00am Breakfast - Coffee & Muffins
- 7:00am- 8:00am ASHRAE Research Canada Del., All., and Open to All (Halifax A)
- 7:30am- 5:00pm Registration
- 8:00am- 9:30am 2nd Business Session - Open to All - remarks from Society Officers and Staff- Chapter Annual Reports and MBO's (Halifax A)
- 9:30am- 9:45am Coffee Break
- 9:45am- 11:30am Executive Session - Del. and All. (Halifax A)
- 9:45am- 11:30am Chapter Operations Workshop - Open to All (Annapolis)
- 11:30am- 12:00pm Cash Bar
- 12:00pm- 2:00pm Awards and President's Luncheon (Halifax B & C)
 - 1 Call to order
 - 2 Invocation
 - 3 Luncheon
 - 4 Introduction of Head Table
 - 5 Her Worship Maira Ducharme
 - 6 Introduction of President
 - 7 President's Address
 - 8 Recognition & Awards
 - 9 Announcements
- 2:00pm- 5:00pm Technical Session - Open to All (Halifax A)
 - 1 Fluidized Bed - TUNNS
 - 2 CO2 and Greenhouse - TUNNS
 - 3 Residential Heat Pumps - TUNNS
 - 4 Grant - In - Aid - TUNNS - Student
- 3:45pm- 4:00pm Coffee Break
- 5:00pm- 6:00pm Chapter Operations Workshop - Open to All (Halifax A)
- 7:00pm Regional Social Function
- Historic Feast
- 10:00pm- 11:00pm Hospitality - Open

Day 3 Saturday August 29, 1992

- 7:00am- 7:30am Continental Breakfast
- 7:00am- 9:00am Registration
- 7:30am- 9:30am First Workshops Session - Open to All
 - 1 Education Activities (Conference)
 - 2 Technical, Energy & Govt Affairs (Starboard Suite)
 - 3 Membership Promotion (Annapolis)
 - 4 Research Promotion Part 2 (Acadia A)
 - 5 Reiteration (Acadia B)
 - 6 Historian (Port Suite)
- 9:30am- 9:45am Coffee Break
- 9:45am- 11:45am Second Workshop Sessions
- 11:45am- 12:00pm Hotel Checkout
- Hotel will provide baggage storage
- 12:00pm- 1:00pm Lunch - Open to All (No Bar) (Halifax B & C)
 - 1 Call to order
 - 2 Invocation
 - 3 Luncheon
 - 4 Introduction of Head Table
 - 5 Acknowledgement of Host Chapter
 - 6 Invitation to next CRC
 - 7 Announcements
 - 8 Mini Reports from Workshops
- 1:00pm- 3:30pm Research Promotion Part 2 (Acadia A)
- 1:00pm- 3:30pm 3rd Business Session - Open to All (Halifax A)
 - 1 Resolutions/Motions from Day 1
 - 2 Resolutions/Motions from Workshops
 - 3 Action Items
 - 4 Reports from Workshops by RVC
 - 5 Regional Fund Status
 - 6 Future Region II CRC's
 - 7 Closing Comments
 - 8 Close of Business Session
- 3:30pm Vacation Tour of Nova Scotia
- Return to Home Chapter
- Start Preparation for CRC 1993 Quebec

A S H R A E
FALL 1993 CRC
DELEGATES AND ALTERNATES
REGION # 02

POS	NAME	BUSINESS NAME	ADDRESS	CITY STATE ZIP
CHAPTER 013 QUEBEC				
PRES	DENIS FORTIN	SOLIVAR GROUPE CONSEIL	1140 DES CHASSEURS	CAP ROUGE PQ G1Y 2R9
SEC	PIERRE GUILLEMETTE	ROLAND GUILLEMETTE INC	3450 BOUL. DE LA CHAUDIERE	STE FOY PQ G1X 4B6
DEL	DENIS FORTIN	SOLIVAR GROUPE CONSEIL	1140 DES CHASSEURS	CAP ROUGE PQ G1Y 2R9
ALT	ROBERT E. DOLLARD	GROUPE MASTER LTEE	1625 RUE AMPERE	QUEBEC CITY PQ G1P 4B8
CHAPTER 014 MONTREAL				
PRES	ROLAND CHARNEUX		4952 PLACE HONORE BEAUGRAND	MONTREAL PQ H1K 3Y7
SEC	CHRISTIAN R ROY		80 DE L'ANSE JERSEY	LAVAL PQ H7Y 1V6
DEL	ROLAND CHARNEUX		4952 PLACE HONORE BEAUGRAND	MONTREAL PQ H1K 3Y7
ALT	MICHEL ROBERT	TRANE CANADA	3535 BOUL PITFIELD	ST LAURENT PQ H4S 1H3
CHAPTER 015 OTTAWA VALLEY				
PRES	ROSS J MCINTYRE	GOODKEY WEEDMARK & ASSOCS	1749 WOODWARD DRIVE	OTTAWA ON K2C 0P9
SEC	DAVID G EASTWOOD	SMITH & ANDERSEN CONSULTING EN	200 FIRST AVE	OTTAWA ON K1S 2G6
DEL	ROSS J MCINTYRE	GOODKEY WEEDMARK & ASSOCS	1749 WOODWARD DRIVE	OTTAWA ON K2C 0P9
ALT	NEIL K ARMSTRONG	YORK INTERNATIONAL APPLIED SYS	1120 MORRISON DRIVE	OTTAWA ON K2H 8M7
CHAPTER 016 TORONTO				
PRES	JOHN K HODGE		48 LANGEVIN CRESCENT	WEST HILL ON M1C 2B6
SEC	BARRY PETER WILLHELM	AAF LTD	34 HANSEN ROAD SOUTH	BRAMPTON ON L6W 3H4
CHAPTER 037 HAMILTON				
PRES	WILLIAM FREDERICK LAMAN		395 WOODWORTH DRIVE	ANCASTER ON L9G 2N2
SEC	DARRYL WILLIAM SINGLETON	SANDWELL, INC	SUITE 202 110 HANNOVER DRIVE	ST CATHARINES ON L2W 1A6
DEL	WILLIAM FREDERICK LAMAN		395 WOODWORTH DRIVE	ANCASTER ON L9G 2N2
ALT	ANTHONY L ROCCO	JOHNSON CONTROLS LTD	3325 NORTH SERVICE RD	BURLINGTON ON L7N 3G2
CHAPTER 100 HALIFAX				
PRES	PAUL C AUCOIN	TRANE CO-CANADA	105 ROCKY LAKE DR. SUITE ONE	BEDFORD NS B4A 2T3
SEC	T SCOTT STARRATT		6948 PATRICIA STREET	HALIFAX NS B3L 1J4
CHAPTER 116 LONDON				
PRES	PETER K ZIEBART	ONTARIO HYDRO	1075 WELLINGTON ROAD	LONDON ON N6J 4N3
SEC	GRANT R HILLIARD	JOHNSON CONTROLS	594 NEWBOLD STREET	LONDON ON N6E 2W9
DEL	OWEN RICHARD GLENDON	CHORLEY & BISSET LTD	521 COLBORNE STREET	LONDON ON N6B 2T6
ALT	PETER K ZIEBART	ONTARIO HYDRO	1075 WELLINGTON ROAD	LONDON ON N6J 4N3
CHAPTER 117 NEW BRUNSWICK				
PRES	ALYRE GALLANT	E & R SERVICES LTD	88 BEAVERBROUT ST	MONCTON NB E1C 8H7
SEC	ROBERT L THIBAUT	FOXBORO CANADA INC	567 ST GEORGE BLVD	MONCTON NB E1E 2B9
DEL	ALYRE GALLANT	E & R SERVICES LTD	88 BEAVERBROUT ST	MONCTON NB E1C 8H7
ALT	RODERIC JON COLLINS		3 SCHOOL ST	MONCTON NB E1C 2A4
CHAPTER 141 WINDSOR				
PRES	DONALD E WINKUP		1216 COVENTRY CRT	WINDSOR ON N8S 2W9
SEC	LARRY S FODOR		1627 ELMWOOD AVE RR #3	BELLE RIVER ON NOR 1A0
DEL	DONALD E WINKUP		1216 COVENTRY CRT	WINDSOR ON N8S 2W9
ALT	STEVEN K KOUTSONICOLAS		1920 WESTCOTT	WINDSOR ON N8W 4K4

1994-O-REGION-2-VC-NOM
CRC VC-NOMINATING MEMBER & ALTERNATE

MEMBERSHIP PROMOTION

0365634 AM 016
NORMAN W JOHNSON (93)[94]
JOHNSON PATERSON INC
210 DENISON STREET
MARKHAM, ON L3R 1B6
CANADA
416/479-4004
TELEX: FAX:4164753049

NOMINATING COMM MEMBER

0144774 AM 100
PAUL R CONRAD (93)[94]
CONRAD TRANE SALES & SERVICE
BEDFORD TRADE MART
105 ROCKY LAKE DR STE #1
BEDFORD, NS B4A 2T3
CANADA
902/835-7491
TELEX: FAX:9028350484

REFRIGERATION

0587736 AM 037
JOHN B POLLOCK (93)[94]
MADOK MFG LTD
50 MORRELL STREET
BRANTFORD, ON N3T 4J5
CANADA
519/756-5760
TELEX: FAX:519/756-5768

EDUCATIONAL ACTIVITIES

0481167 AM 141
THOMAS W MC DONALD (93)[94]
UNIVERSITY OF WINDSOR
DEPT MECHANICAL ENGG
WINDSOR, ON N9B 3P4
CANADA
519/253-4232
TELEX: FAX:519/973-7062

RESEARCH PROMOTION

0119103 AM 141
DANNY A CASTELLAN (93)[94]
UNIVERSITY OF WINDSOR
PHYSICAL PLANT DEPT
WINDSOR HALL 6TH FLOOR
401 SUNSET AVENUE
WINDSOR, ON N9B 3P4
CANADA
519/253-4232
TELEX: FAX:519/973-7050

NOMINATING COMM ALTERNATE

0064827 AM 116
JOHN B BISSET (93)[94]
CHORLEY & BISSET LTD
521 COLBORNE ST
LONDON, ON N6B 2T6
CANADA
519/679-8660
TELEX: FAX:5196792145

TECH ENERGY & GOVT ACTIVITIES

0538704 AM 014
LAURIER NICHOLS PE (93)[94]
444 CHEMIN
GREENWOOD
BEACONSFIELD, PQ H9W 4Z9
CANADA
514/384-5660
TELEX: FAX:514/668-9614
DESSAU INC

() = Starting month on committee is July of year shown
[] = Ending month on committee is June of year shown

ASHRAE AWARDS PROGRAM

This appendix briefly describes the awards annually conferred by the Society. All awards fall into one of three categories and are listed by category in this appendix, as follows: (1) Personal Honors and Awards; (2) Pass Through Awards; and (3) Paper Awards.

Nominations for Personal Awards may be made by chapters, regions, committees or individual ASHRAE members. Nominations for "Pass Through" awards are made by the committee which sponsors the award, the recommendations for Paper Awards are made by the Honors and Awards Committee after in-depth review by the committee.

Material must be received at Headquarters not later than December 1 for consideration at the Winter Meeting and by May 1 for the Annual Meeting, in order to allow time for reproduction and distribution to the Honors and Awards Committee. (Exceptions will be made for nominations submitted through a CRC which is held later than May.)

HOW TO NOMINATE

Nominations for Personal Honors and Awards must include a letter of nomination from a sponsor (chapter, region, committee or ASHRAE member) and a current, detailed biography which clearly addresses specific contributions. Biographical Record Forms are available from ASHRAE Headquarters and nomination deadlines are listed in the "Personal Honors and Awards" section of this appendix. All nominations should be sent to the attention of the Honors and Awards Committee at ASHRAE Headquarters.

PERSONAL HONORS AND AWARDS

PRESENTED

F. PAUL ANDERSON AWARD Winter Meeting

This award, named in honor of F. Paul Anderson, is the Society's highest award. Mr. Anderson was the 1927-28 President of the American Society of

Heating

and Ventilating Engineers who, according to President Thornton Lewis, "directed the education of more engineers in the heating and ventilation profession than any other man in the world." This award honors members for notable achievement, outstanding work or service in any field of the Society. Previous recipients of this award include Willis Carrier, Sam Lewis, Carl Ashley and Donald Krockner.

- Recognition is in the form of an engraved medal and inscribed framed certificate.
- One awarded per year.
- Deadline for nomination: December 1

LOUISE & BILL HOLLADAY Annual Meeting **DISTINGUISHED FELLOW AWARD**

This award honors Fellows of the Society for continuing preeminence in engineering or research work.

- Recognition is in the form of an engraved medal and inscribed framed certificate.
- One awarded per year.
- Deadline for nomination: May 15

FELLOW AWARD Annual Meeting

Fellow grade is awarded to ASHRAE members who have attained distinction in the fields of heating, refrigeration, air conditioning, ventilation or the allied arts and sciences through invention, research, teaching, design, original work, or as an engineering executive on projects of unusual or important scope. The individual must have made substantial contributions and have been a full grade Member in good standing for at least ten years prior to the date of his election.

- Recognition is in the form of a certificate.
- No limit on number awarded per year.
- Deadline for nomination: December 1

ASHRAE-ALCO MEDAL FOR Winter Meeting **DISTINGUISHED PUBLIC SERVICE**

This award recognizes ASHRAE members who have performed outstanding public service in their community, and in doing so, have helped to improve the public image of the engineer.

- Recognition is in the form of an engraved

medal and inscribed framed certificate.

- One awarded per year.
- Deadline for nomination: December 1

ANDREW T. BOGGS Annual Meeting
SERVICE AWARD

This award, named after Andrew T. Boggs, former ASHRAE Executive Vice President, recognizes past recipients of the Distinguished Service Award for continuing, unselfish, dedicated and distinguished service to the Society.

- Recognition is in the form of a medal and inscribed certificate.
- One awarded per year.
- Deadline for nomination: May 15

DISTINGUISHED Annual Meeting
SERVICE AWARD

This award recognizes members of ASHRAE who have served the Society faithfully and with distinction on committees or have otherwise given freely of their time and talent on behalf of the Society.

- Recognition is in the form of a certificate.
- No limit on number awarded per year.
- Deadline for nomination: May 15

HONORARY MEMBER Winter Meeting

Honorary Member status is granted to individuals in recognition of preeminent professional distinction without regard to whether the individual is or has been a member of the Society. Previous recipients include Milton Eisenhower and Herbert Hoover.

- Recognition is in the form of a certificate.
- Maximum of three may be awarded per year.
- Deadline for nomination: December 1

PASS THROUGH AWARDS

LINCOLN BOULLION AWARD Annual Meeting

This award recognizes a member who performs the most outstanding work in increasing the membership of the Society during the course of the year.

- Recognition is in the form of an engraved medal and certificate.
- One awarded per year.
- Recommended by Membership Promotion Committee

WILLIAM J. COLLINS, JR Annual Meeting
RESEARCH PROMOTION AWARD

This award recognizes the Chapter Research Promotion Chairman who excels in raising funds for ASHRAE research during the course of the year.

- This recognition is in the form of an engraved medal and certificate.
- One awarded per year.
- Recommended by the Research Promotion Committee

ASHRAE-ASHAE Annual Meeting
HOMER ADDAMS AWARD

This award recognizes a graduate student who has been engaged in an ASHRAE research project.

- Recognition is in the form of a \$1,500 honorarium and certificate
- One awarded per year
- Recommended by the Research and Technical Committee

E. K. CAMPBELL AWARD Winter Meeting

This award honors an individual for outstanding service and achievement in teaching.

- Recognition is in the form of a certificate.
- One awarded per year.
- Recommended by Life Members Club

INTERNATIONAL Annual Meeting
ACTIVITIES AWARD

This award recognizes an ASHRAE member who has done the most to enhance the Society's international presence.

- Recognition is in the form of a certificate.
- One awarded per year.
- Recommended by International Committee

RALPH G. NEVINS
PHYSIOLOGY AND HUMAN

ENVIRONMENT AWARD

Annual Meeting

This award is presented to an individual for significant accomplishment in the general area of man's response to the environment, which may include thermal, moisture, visual, acoustical, toxic, allergic, olfactory, vibrational and microbiological effects on man's health, comfort and well-being.

- Recognition is in the form of a \$300 honorarium and certificate.
- One awarded per year.
- Recommended by TC 2.1 (Physiology and Human Environment)

STUDENT AWARDS

Winter Meeting

This award recognizes undergraduate students who have completed research or design projects based on topics of current ASHRAE interest. There are two categories of competition: (1) Undergraduates enrolled in a post secondary school educational program of four or more years; (2) Undergraduates enrolled in a post secondary school educational program of less than four years.

- Recognition is in the form of a \$1,500 honorarium to first place winner in each category and an opportunity to attend the ASHRAE Winter Meeting with transportation, two nights accommodations and meals provided.

Two runners-up in each category receive \$750 each.

- Five awarded per year
- Recommended by Educational Activities Committee

GOVERNMENT AFFAIRS AWARD

Winter Meeting

This award recognizes an ASHRAE chapter for outstanding effort and achievement in state, provincial and local government activities in connection with technical issues related to the activities for the Society.

- Recognition is in the form of a certificate for first, second and third place winners.
- Three awarded per year.
- Recommended by Technical, Energy and Government Activities Committee

MILTON W. GARLAND REFRIGERATION AWARD

Annual Meeting

This award recognizes the Chapter Refrigeration Committee Chairman who has done the most outstanding work in promoting the science of refrigeration at the chapter level.

- Recognition is in the form of an engraved medal and certificate plus transportation to the Annual Meeting.
- One awarded per year.
- Recommended by Refrigeration Committee

TECHNOLOGY AWARD/AWARD OF ENGINEERING EXCELLENCE

Winter Meeting

This award recognizes outstanding achievements of ASHRAE members who have (1) applied innovative technological concepts and have verified results with operating date (2) have provided means of disseminating proven design innovation and concepts to the ASHRAE membership, and (3) have highlighted technological achievements of ASHRAE to others including national and international associated professionals and societies, as well as building and facility owners.

- Recognition is in the form of an engraved plaque.
- Award is given in five categories with up to three awards in each category.
- Recommended by the Technical, Energy and Government Activities Committee.

PAPER AWARDS**CROSBY FIELD AWARD**

Annual Meeting

This award is for the top paper chosen from among the Technical, Symposium and Journal Paper Awards.

- Recognition is in the form of \$750 honorarium and certificate.
- One awarded per year.

TECHNICAL AND SYMPOSIUM PAPER AWARDS

Annual Meeting

This award is presented to authors of the best technical and symposium papers presented at Society meetings.

- Recognition is in the form of a \$500 honorarium and certificate.
- Maximum of four awarded per year.

JOURNAL PAPER AWARD Annual Meeting

This award is for the best paper or article published in the ASHRAE Journal.

- Recognition is in the form of a \$250 honorarium and certificate.
- One awarded per year.

WILLIS H. CARRIER AWARD Annual Meeting

This award is for the best published paper of outstanding quality presented at a Society meeting by a member of any grade who is 32 years of age or less at the time of presentation.

- Recognition is in the form of a \$500 honorarium and certificate.
- One awarded per year.

**DISTINGUISHED SERVICE AWARD
POINT SCORE REVISION
(Minimum 15 Points).**

A. SOCIETY OFFICER/BOD/CHAPTER	POINTS
1. President	5
2. President-Elect	4
3. Officers: Vice President, Treasurer	3
4. BOD	
a. Director/Regional Chairman	
b. Director At Large (DAL)	2/yr
5. Chapter President	1/yr
6. Chapter Officers (other than President) (Maximum of 3 points)	¼/yr
B. SOCIETY STANDING COMMITTEE	
1. Councils (voting members only) (BOD/officers - no points)	1/yr
2. Chairman/Standing Committee (BOD/officers - no points)	2/yr
3. Chairman of standing subcommittee of Standards	2/yr
4. Standing committee member	1/yr
5. Nominating Committee Alternate (if attended req'd meetings)	½/yr
6. Consultant (unpaid)	½/yr
C. SOCIETY PROJECTS COMMITTEE	
1. Standards Projects Committee (Maximum 7 points)	
a. Chairman	3/project
b. Member	½/project
2. Task Group (Maximum 7 points)	
a. Chairman	1/yr
b. Member	½/yr
3. Presidential Ad-Hoc Committee (Maximum 7 points)	
a. Chairman	2/project
4. Handbook (Maximum 7 points)	
a. Chairman	2/yr
b. Chapter author	2/chapter
c. Chapter revisor	½/chapter
d. Volume Chairman	2/volume
e. Volume member	1-½/volume
5. Symposium chairman	1/symposium
6. Seminar Chairman	½/seminar
7. Forum Moderator	¼/forum
8. Annual/Winter Meeting	
a. General Chairman	2/meeting
b. General Co-chairman	1/meeting
c. Subcommittee chairmen	1/meeting
9. CRC or Other ASHRAE-Sponsored Confeneces	
(a) General Chairman	1/mtg
(b) Vice Chairman	½/mtg

(c) Subcommittee Chairman	¼/mtg
10. Intersociety Assignment (Maximum 3 points)	½/assign
11. International Services (Maximum 4 points for a, b, c)	
(a) Chairman or Co-Chairman of ASHRAE International Co-Sponsored Conference	1/conf
(b) Technical Paper Presented At ASHRAE Co-Sponsored Conference	½/paper
(c) ASHRAE-Appointed Liaison with International Associate	½/yr

D. TECHNICAL COMMITTEES

(Maximum 3 per committee or 10 point total)

1. Chairman of committee	1/yr
2. Member	½/yr
3. Corresponding Member	¼/yr

E. SPEAKERS/AUTHORS - SOCIETY

1. Annual/Winter ASHRAE Meeting or ASHRAE-Sponsored Conferences	
a. Technical paper author	1/paper
b. Symposium paper author	1/paper
c. Seminar speaker	½/seminar

F. PUBLISHED PAPERS

ASHRAE Journal article	½/article
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Maximum Points Allowed

SOCIETY PROJECTS COMMITTEES:

SPC Committees	7
Task Groups	7
Presidential Ad-Hoc	7
Handbook	7
Technical (3 points on any one committee)	10
Inter-society assignments	3

SOCIETY STANDING COMMITTEES:

Society	No max
Councils	No max
Standards	No max
R & T	No max

ALL CHAPTER ACTIVITIES

3

AUTHORS

No maximum

* Co-authors divide points

**POINT SCORE FOR REGIONAL
AWARD OF MERIT
(10 Point Requirement)**

NOTE: Chapter Activities: Maximum 6 points
Society/Regional Activities Maximum 6 points

A. CHAPTER POINTS

President	2/yr
Vice-President (or Pres-Elect)	1/yr
Secretary	½ yr
Treasurer	½ yr
Chapter Chairman: Membership Promotion, Technical, Energy and Government Activities, Educational Activities, Research Promotion, Refrigeration, Historical	½/yr
Chapter Board of Governors	½/yr
Seminar Chairman or Instructor	1/yr
	(Max 2)

B. REGIONAL CONFERENCE (CRC)

General Chairman (Conference)	2/meeting
CRC Program Chairman	1/meeting
CRC Speaker	½/meeting
CRC Speaker (other than Vice Chairman)	½/meeting
	(Max 1 per yr)

C. REGIONAL/SOCIETY ACTIVITY

Regional Chairman	2/yr
Assistant Regional Chairman	½/yr
CRC Delegate	1/yr
CRC Alternate	½/yr
Regional Vice Chairman:	
• Membership Promotion	1/yr
• Educational Activities	1/yr
• Research Promotion	1/yr
• Technical, Energy and Government Government Activities	1/yr
• Refrigeration	1/yr
Regional Historian	½/yr
Regional Program Chairman	½/yr
Nominating Committee Member	1/yr
Nominating Committee Alternate	½/yr
Student Branch Faculty Advisors	1/yr
(Effective 93/07)	(Max 3 per yr)

REGIONAL AWARD OF MERIT

1. The purpose of this award is to recognize the activities and contributions of members of ASHRAE at the chapter and regional level.
2. The form of the award is a certificate setting forth the achievements for which the awards are to be made.
3. Not more than three awards each year shall be made by each region.
4. The nominations of a candidate shall be made by the delegate from the candidate's chapter to the Chapters Regional Conference. The final selection shall be made by majority vote of the Chapters Regional Conference delegates in Executive Session at the CRC.
5. Qualifications of a candidate shall be a minimum of the credit points from the list of activities. The qualifications must be submitted in writing to the Chapters Regional Committee and include a biographical record of the services rendered and the year of accomplishment.
6. Final selection does not require the approval of either the Honors and Awards Committee or the Board of Directors.
7. Presentation of the award shall be made by the Regional Chairman at the Chapters Regional Conference, (or at a suitable location) following the candidate's nomination and election.
8. Candidates should be reviewed by the regional chairman and the regional nominating committee member for accuracy of the data submitted prior to submitting to Society.

HONORS AND AWARDS
 REQUEST FOR ALL CHAPTERS
 16 JUL 1993

Name	Honors/Awards	Chapter
0048195 BEAUDOIN, GILLES	LIFE MEMBER	013 QUEBEC
0418743 L'ANGLAIS, FRANCOIS	LIFE MEMBER	013 QUEBEC
0635472 ROYER, JEAN M	REGIONAL AWARD OF MERIT	
0667683 SERVANT, AZARIAS	LIFE MEMBER	013 QUEBEC
	LIFE MEMBER	013 QUEBEC
0730890 TASSE, YVON R	REGIONAL AWARD OF MERIT	
0752058 TRUCHON, LOUIS P	REGIONAL AWARD OF MERIT	
	LIFE MEMBER	013 QUEBEC
	LIFE ASSOCIATE MEMBER	013 QUEBEC
0020115 ANGLIN, THOMAS G	LIFE MEMBER	014 MONTREAL
0025434 ARSENAULT, REAL J A	LIFE MEMBER	014 MONTREAL
0038178 BARBER, ROSS H	LIFE MEMBER	014 MONTREAL
0049869 BEDARD, RAYMOND	LIFE MEMBER	014 MONTREAL
0062829 BILLICK, PAUL G	LIFE MEMBER	014 MONTREAL
0068094 BLATHERWICK, HOWARD E	LIFE MEMBER	014 MONTREAL
0077841 BOURGAULT, GERALD	LIFE ASSOCIATE MEMBER	014 MONTREAL
0078165 BOUTHILLETTE, ROLAND	LIFE MEMBER	014 MONTREAL
0083970 BRASLOFF, REUBEN I	LIFE MEMBER	014 MONTREAL
0088236 BRISSETTE, JACQUES L	LIFE MEMBER	014 MONTREAL
0147555 COOPER, HOWARD B	LIFE MEMBER	014 MONTREAL
0158787 CUCCIA, JOSEPH D	LIFE MEMBER	014 MONTREAL
0230904 FLANAGAN, JAMES B	LIFE ASSOCIATE MEMBER	014 MONTREAL
0235710 FORGET, GUY E	LIFE MEMBER	014 MONTREAL
0250182 GANS, NATHAN	LIFE MEMBER	014 MONTREAL
0260172 GILBERT, EDWARD J	LIFE MEMBER	014 MONTREAL
0274698 GRAVELSINS, JOHN	LIFE ASSOCIATE MEMBER	014 MONTREAL
0297378 HANLEY, ALLEN J	FELLOW/LIFE MEMBER	014 MONTREAL
	DISTINGUISHED SERVICE	
0330831 HOLDEN, JOHN C	LIFE MEMBER	014 MONTREAL
0731344 HOLE, WILLIAM G	PRES/FELLOW/LIFE	014 MONTREAL
	DISTINGUISHED SERVICE	
	DISTINGUISHED 50 YEAR MEMBER	
0352755 ISAAC, WILLIAM C	LIFE MEMBER	014 MONTREAL
0359613 JARVIS, WILLIAM E	LIFE MEMBER	014 MONTREAL
0386478 KERT, MONROE H	LIFE MEMBER	014 MONTREAL
0415206 LALONDE, BERNARD	LIFE MEMBER	014 MONTREAL
0415692 LAMARCHE, PHILIPPE J	LIFE MEMBER	014 MONTREAL
0418851 LANGSNER, LAWRENCE L	LIFE MEMBER	014 MONTREAL
0433323 LEVESQUE, LEO A	LIFE MEMBER	014 MONTREAL
0433674 LEVINE, SEYMOUR	LIFE MEMBER	014 MONTREAL
0434133 LEWIN, JACOB	LIFE ASSOCIATE MEMBER	014 MONTREAL
0443988 LOISELLE, RAYNALD	LIFE MEMBER	014 MONTREAL
0453465 MACCANDLISH, DONALD	LIFE MEMBER	014 MONTREAL
0546210 OCONNELL, THOMAS D	LIFE ASSOCIATE MEMBER	014 MONTREAL
0591003 POULIN, ANDRE	LIFE MEMBER	014 MONTREAL
0612009 RENWICK, WALTER H	LIFE MEMBER	014 MONTREAL
0664875 SEGAL, SAMUEL S	LIFE ASSOCIATE MEMBER	014 MONTREAL
0666873 SEMENIC, IVO A	LIFE MEMBER	014 MONTREAL
0678132 SIDLER, JOSEPH	LIFE MEMBER	014 MONTREAL
0686259 SLONE, MORTON R	REGIONAL AWARD OF MERIT	014 MONTREAL
	DISTINGUISHED SERVICE	
	REGIONAL AWARD OF MERIT	
0695682 SOICHER, JACK A	LIFE MEMBER	014 MONTREAL
0702999 SPRINGER, JAMES C	LIFE MEMBER	014 MONTREAL
0729027 TAMM, HAROLD L	LIFE MEMBER	014 MONTREAL
0746442 TONELLI, RALPH J	LIFE MEMBER	014 MONTREAL
0747414 TOSH, WILLIAM	LIFE AFFILIATE MEMBER	014 MONTREAL
0754434 TURAGA, MAL	FELLOW	014 MONTREAL
0756243 TWIZELL, EDWIN W	LIFE MEMBER	014 MONTREAL
	50 YEAR MEMBER	
0760428 VALLIERES, RAYMOND H	LIFE MEMBER	014 MONTREAL

HONORS AND AWARDS
REQUEST FOR ALL CHAPTERS
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Mem#	Name	Honors/Awards	Chapter
0010206	ALGIE, W LLOYD	LIFE MEMBER	015 OTTAWA VALLEY
		DISTINGUISHED SERVICE	
		REGIONAL AWARD OF MERIT	
0116748	CARSCALLEN, GEORGE F	REGIONAL AWARD OF MERIT	015 OTTAWA VALLEY
0311904	HEARNDEN, GEORGE A	LIFE MEMBER	015 OTTAWA VALLEY
0376596	KARN, THOMAS P	LIFE MEMBER	015 OTTAWA VALLEY
0393093	KIRBY, C NOEL	LIFE MEMBER	015 OTTAWA VALLEY
0395091	KLASSEN, JACOB	FELLOW/LIFE MEMBER	015 OTTAWA VALLEY
		DISTINGUISHED SERVICE	
		REGIONAL AWARD OF MERIT	
0425925	LECLERC, PETER F	LIFE ASSOCIATE MEMBER	015 OTTAWA VALLEY
0437292	LIM, LEONARD A	LIFE ASSOCIATE MEMBER	015 OTTAWA VALLEY
0484434	MC INTYRE, DALTON J	LIFE MEMBER	015 OTTAWA VALLEY
		REGIONAL AWARD OF MERIT	
0485109	MC KEEN, DONALD C	LIFE MEMBER	015 OTTAWA VALLEY
0490077	MCRAE, GEORGE K	LIFE MEMBER	015 OTTAWA VALLEY
0506655	MITALAS, GINTAS P	FELLOW	015 OTTAWA VALLEY
0558981	PALMER, DAVID C	LIFE MEMBER	015 OTTAWA VALLEY
0564084	PARTINGTON, JOHN D	LIFE ASSOCIATE MEMBER	015 OTTAWA VALLEY
0627129	ROGERS, CLIFFORD	LIFE MEMBER	015 OTTAWA VALLEY
0636390	RUDDY, JOHN P	LIFE AFFILIATE MEMBER	015 OTTAWA VALLEY
0680805	SIMMONDS, ALASTAIR G	LIFE MEMBER	015 OTTAWA VALLEY
0729081	TAMURA, GEORGE T	LIFE MEMBER	015 OTTAWA VALLEY
		CROSBY FIELD	
		TECHNICAL PAPER	
		DISTINGUISHED 50 YEAR MEMBER	
		TECHNICAL PAPER	
		ASHRAE SYMPOSIUM PAPER	
0747225	TORRENS, JOSEPH S	LIFE ASSOCIATE MEMBER	015 OTTAWA VALLEY
0747981	TOWNSEND, FRED	LIFE MEMBER	015 OTTAWA VALLEY
0779949	WARRING, G RALPH	LIFE MEMBER	015 OTTAWA VALLEY
0785133	WEEDMARK, STIRLING B	LIFE MEMBER	015 OTTAWA VALLEY
0803520	WILSON, A GRANT	FELLOW/LIFE MEMBER	015 OTTAWA VALLEY
		DISTINGUISHED SERVICE	
0819072	YANOFSKY, HYMAN	LIFE MEMBER	015 OTTAWA VALLEY
0822826	YOUNG, RAY G	REGIONAL AWARD OF MERIT	015 OTTAWA VALLEY
		REGIONAL AWARD OF MERIT	
0004050	ADAMS, LAWRENCE	LIFE ASSOCIATE MEMBER	016 TORONTO
0012285	ALLINGHAM, JOHN F	LIFE MEMBER	016 TORONTO
0012636	ALLSOP, ROWLAND P	LIFE MEMBER	016 TORONTO
0020169	ANGUS, DONALD L	FELLOW/LIFE MEMBER	016 TORONTO
0021816	APPELTON, HARRY	LIFE MEMBER	016 TORONTO
0023949	ARMSTRONG, JAMES A C	LIFE MEMBER	016 TORONTO
0033480	BAIRD, ALEXANDER G	LIFE ASSOCIATE MEMBER	016 TORONTO
0036126	BALLAGH, A BRUCE	LIFE MEMBER	016 TORONTO
0041148	BARRAN, ARTHUR T W	LIFE MEMBER	016 TORONTO
0042660	BARTLETT, WILLIAM W	LIFE MEMBER	016 TORONTO
0051840	BELL, CHARLES E	LIFE MEMBER	016 TORONTO
0055080	BENNETT, L MAXWELL	LIFE MEMBER	016 TORONTO
0074196	BONISTEEL, WARREN D	LIFE MEMBER	016 TORONTO
5072767	BRENTON, GEORGE E.	LIFE MEMBER	016 TORONTO
0103707	BURRIDGE, LAURENCE E	LIFE MEMBER	016 TORONTO
0105003	BUSHNELL, HOWARD P	LIFE MEMBER	016 TORONTO
0106353	BUTTS, HARRY WILLIAM	LIFE MEMBER	016 TORONTO
0111078	CAMPBELL, ROBERT B	LIFE MEMBER	016 TORONTO
0116154	CARRIGAN, ROLAND B	LIFE MEMBER	016 TORONTO
0116964	CARTER, ALEXANDER W	LIFE MEMBER	016 TORONTO
		50 YEAR MEMBER	
0122067	CHADWICK, WILLIAM H	LIFE MEMBER	016 TORONTO
		REGIONAL AWARD OF MERIT	
0124578	CHAPKIN, ARTHUR I	LIFE MEMBER	016 TORONTO
0127926	CHEUNG, CHING	LIFE MEMBER	016 TORONTO
0137916	COATES, WILLIAM J	LIFE MEMBER	016 TORONTO
0141021	COLES, EDGAR T	LIFE AFFILIATE MEMBER	016 TORONTO
0141831	COLLINS, JOSEPH J	LIFE MEMBER	016 TORONTO
0157302	CROSSEY, RICHARD E	LIFE MEMBER	016 TORONTO
0159921	CUMMINGS, ROBERT	LIFE MEMBER	016 TORONTO
0166671	DASCHUK, TONY	LIFE AFFILIATE MEMBER	016 TORONTO
0184545	DIORIO, GINO	LIFE ASSOCIATE MEMBER	016 TORONTO

HONORS AND AWARDS
REQUEST FOR ALL CHAPTERS
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Name	Honors/Awards	Chapter
0186057 DOBBIE, JOHN L	LIFE MEMBER	016 TORONTO
0196371 DUDLEY, LYNN M	LIFE MEMBER	016 TORONTO
0198720 DUNCAN, W T ERSKINE	LIFE MEMBER	016 TORONTO
0217917 FAIR, JOHN L	LIFE MEMBER	016 TORONTO
0238410 FOX, JOHN H	PRES/FELLOW/LIFE DISTINGUISHED SERVICE DISTINGUISHED 50 YEAR MEMBER	016 TORONTO
0241974 FRENCH, HOWARD S	LIFE MEMBER	016 TORONTO
0246483 FURSE, HENRY M	LIFE MEMBER	016 TORONTO
0254772 GEAKE, LLOYD W	LIFE MEMBER	016 TORONTO
0259902 GIFFIN, DONALD P	LIFE MEMBER	016 TORONTO
0265977 GOLD, HANS	LIFE MEMBER	016 TORONTO
0273483 GRANEK, GERHARD	LIFE MEMBER	016 TORONTO
0281340 GRITANI, HOWARD R	LIFE MEMBER	016 TORONTO
0287847 HAAS, OTTO F	LIFE MEMBER	016 TORONTO
0336501 HORNSTEIN, SERGE	LIFE MEMBER	016 TORONTO
0337068 HORVATH, EUGENE	LIFE MEMBER	016 TORONTO
0346356 HUNT, FREDERICK G	LIFE MEMBER	016 TORONTO
0354888 JACKSON, GRIFFITH H	LIFE ASSOCIATE MEMBER	016 TORONTO
0374382 KALLIS, WALTER	LIFE ASSOCIATE MEMBER	016 TORONTO
2010885 KAUFMAN, BERNARD	LIFE AFFILIATE MEMBER	016 TORONTO
0417393 LANDRAY, PHILLIP B	LIFE MEMBER	016 TORONTO
0429786 LEITCH, JOHN D	LIFE MEMBER	016 TORONTO
0454923 MACKAY, ROBERT C	LINCOLN BOUILLON	016 TORONTO
0456462 MADIGAN, BASIL C	LIFE AFFILIATE MEMBER	016 TORONTO
0467397 MARTIN, R J WESLEY	LIFE MEMBER	016 TORONTO
0471852 MATTOCKS, HENRY J	LIFE MEMBER	016 TORONTO
0473418 MAYBANK, HERB	LIFE MEMBER	016 TORONTO
0487323 MC LEESE, WILLIS S	LIFE MEMBER	016 TORONTO
0496719 METSALA, THOMAS	LIFE MEMBER	016 TORONTO
0499419 MIERINS, HARRY R	LIFE ASSOCIATE MEMBER	016 TORONTO
0499499 MILLEN, CHARLES T	LIFE MEMBER	016 TORONTO
0499889 MILNE, FRED N	LIFE MEMBER	016 TORONTO
0507357 MITCHELL, LORNE S	LIFE MEMBER	016 TORONTO
0552096 O'NEILL, JOSEPH F	LIFE MEMBER	016 TORONTO
0550395 OLSEN, JULIUS C	FELLOW/LIFE MEMBER DISTINGUISHED SERVICE	016 TORONTO
0457825 PERLMAN, MAIER	FELLOW	016 TORONTO
0578502 PETRINEC, JULES R	LIFE MEMBER	016 TORONTO
0580635 PHILLIPS, DANIEL	LIFE MEMBER	016 TORONTO
0583308 PILKEY, DENNIS H	LIFE MEMBER	016 TORONTO
0594081 PRICE, DOUGLAS A	LIFE MEMBER	016 TORONTO
0598077 PYPYER, JAMES C	LIFE MEMBER	016 TORONTO
0630288 ROSE, JAMES W.S.	LIFE MEMBER	016 TORONTO
0630477 ROSE, RONALD S	LIFE ASSOCIATE MEMBER	016 TORONTO
0631881 ROSS, EARL J	LIFE AFFILIATE MEMBER	016 TORONTO
0633096 ROSOFF, CLARENCE	LIFE MEMBER	016 TORONTO
0641628 SAGE, HERBERT C	REGIONAL AWARD OF MERIT	016 TORONTO
0676323 SHORE, M VICTOR	LIFE MEMBER	016 TORONTO
0676863 SHRODER, ROBERT	LIFE AFFILIATE MEMBER	016 TORONTO
0681669 SIMPKINS, ARTHUR C	LIFE MEMBER	016 TORONTO
0682425 SINCLAIR, ERNEST H	LIFE MEMBER	016 TORONTO
0718848 STUBLEY, REDVERS D	LIFE MEMBER	016 TORONTO
0725166 SWEENEY, DARCY J	LIFE MEMBER	016 TORONTO
0726651 SYLVESTER, RICHARD K1	LIFE MEMBER	016 TORONTO
0728001 TAIT, LESLIE J	LIFE MEMBER	016 TORONTO
0728946 TAMBLYN, ROBERT T	LIFE MEMBER	016 TORONTO
0737721 THOMAS, DONALD B	LIFE MEMBER	016 TORONTO
0739341 THOMPSON, CLIFFORD L	LIFE MEMBER	016 TORONTO
0744012 TINDALL, GORDON W	LIFE ASSOCIATE MEMBER	016 TORONTO
0744552 TIRMAN, GEORGE	LIFE MEMBER	016 TORONTO
0746361 TOMS, GORDON C	LIFE MEMBER	016 TORONTO
0747306 TORRY, CHARLES L	LIFE MEMBER	016 TORONTO
0749979 TRELEAVEN, HERBERT M	LIFE MEMBER	016 TORONTO
2049306 WILKINSON, WILLIAM B	LIFE MEMBER	016 TORONTO
072251 WILLIAMS, W ERIC	LIFE MEMBER	016 TORONTO
072768 ZARNETT, BERNARD H	LIFE MEMBER	016 TORONTO
0628954 ZSEMATY, THOMAS E	LIFE MEMBER	016 TORONTO

HONORS AND AWARDS
REQUEST FOR ALL CHAPTERS
16 JUL 1993

Mem#	Name	Honors/Awards	Chapter
0064233	BIRSS, T KENNETH	LIFE MEMBER	037 HAMILTON
0111618	CANBY, EUGENE B	LIFE MEMBER	037 HAMILTON
0192105	DOWLER, EDWARD A	LIFE MEMBER 50 YEAR MEMBER	037 HAMILTON
0217674	FAHEY, RICHARD J	LIFE ASSOCIATE MEMBER	037 HAMILTON
0487296	MCLEAN, WILLIAM J	LIFE MEMBER	037 HAMILTON
0488349	MCILLEN, JOHN G	LIFE MEMBER	037 HAMILTON
0494937	MENZIES, GEORGE	DISTINGUISHED SERVICE REGIONAL AWARD OF MERIT	037 HAMILTON
0507222	MITCHELL, JAMES A	LIFE MEMBER	037 HAMILTON
0582255	PIERCE, JAMES F	LIFE AFFILIATE MEMBER	037 HAMILTON
0602289	RAMMO, ERIK	LIFE MEMBER	037 HAMILTON
0652401	SCHIECK, ROBERT R	LIFE MEMBER	037 HAMILTON
0656046	SCHOCK, ROBERT E	LIFE MEMBER	037 HAMILTON
0667305	SENTESY, LOUIS	LIFE MEMBER	037 HAMILTON
0813672	WOODS, WALTER E	LIFE MEMBER	037 HAMILTON
0819315	YASKOWICH, LEON A	LIFE ASSOCIATE MEMBER	037 HAMILTON
0092043	BROWN, EDWARD DANIEL	LIFE AFFILIATE MEMBER	100 HALIFAX
0098280	BUCKLER, GEORGE W	LIFE MEMBER DISTINGUISHED SERVICE REGIONAL AWARD OF MERIT	100 HALIFAX
0144774	CONRAD, PAUL R	REGIONAL AWARD OF MERIT DISTINGUISHED SERVICE	100 HALIFAX
0192726	DOYLE, M GERARD	REGIONAL AWARD OF MERIT	100 HALIFAX
0517050	MORRIS, DENIS J	FELLOW	100 HALIFAX
0662877	SCRIVEN, JAMES A	FELLOW	100 HALIFAX
0787995	WELD, GORDON B	FELLOW DISTINGUISHED SERVICE	100 HALIFAX
0517860	MORRISON, CLIFTON R	LIFE MEMBER	116 LONDON
0384534	KENNEDY, JOHN A	LIFE MEMBER	117 NEW BRUNSWICK
0583011	PIKE, ALBERT J	LIFE MEMBER	117 NEW BRUNSWICK
0664605	SEELY, DELBERT F	LIFE MEMBER	117 NEW BRUNSWICK
0140076	COLBORNE, WILLIAM G	LIFE MEMBER	141 WINDSOR
0231876	FLEMING, LYLE J	LIFE ASSOCIATE MEMBER	141 WINDSOR
0363933	JOHNSON, CLARENCE W	LIFE MEMBER	141 WINDSOR
0422712	LAVENDER, R JERALD	LIFE MEMBER	141 WINDSOR
0080271	BOYD, JAMES	LIFE MEMBER	153 MISSISSAUGA
0122877	CHAMBERS, FRED W	LIFE MEMBER 50 YEAR MEMBER	153 MISSISSAUGA
0369360	JONES, JAMES L	LIFE MEMBER	153 MISSISSAUGA
0489564	MCINCH, DOUGLAS F	LIFE MEMBER	153 MISSISSAUGA
0541647	NOLAN, CHARLES J	LIFE MEMBER	153 MISSISSAUGA
0546831	ODE, TAD	LIFE MEMBER	153 MISSISSAUGA

921-835-0484F
PAUL CONRAD.

Trane. →
Carrier → Dave Hony.

**Executive Session Work Sheet for Region II CRC
Recommendations for SY 1994-95**

3. NOMINATING COMMITTEE

Note: Nominating Committee Members and Alternates must be Members of the Society for a minimum of five years at the time of selection, must be selected at least one year in advance of taking office, and may serve no more than six years total on the Nominating Committee.

	<u>93-94</u>	<u>94-95</u>	<u>95-96</u>
Member	<u>Paul R. Conrad*</u>	<u>Mr. Daryl</u>	_____
Alternate	<u>John B. Bisset</u>	<u>John Dalton</u>	_____
"Reserve"	<u>?</u>	_____	_____

*Chairs CRC Executive Session.

Dalton
James A. Owens, B
Robert C
James F. ...
Chris H. ...
John Pollock, D.

4. REGIONAL VICE CHAIRMEN - Grass Roots Committees

Note: Select three in each category, if possible.

Candidates for Regional Vice Chairmen must be Members (Member grade) of the Society for three years prior to the start of their terms.

	<u>93-94</u>	<u>94-95</u>		
		<u>First</u>	<u>Second</u>	<u>Third</u>
Educ Activities	<u>Thomas McDonald</u> →	<u>Jon Bimai^A</u>	<u>Judy Dunbar^B</u>	<u>Lois Smith^D</u> ^C Owen Glenola
Membership Promo	<u>Norman W. Johnson</u> →	<u>Jim Owens^A</u>	<u>Pong Rakwal^B</u>	<u>Marcelle Curi^B</u>
Refrigeration	<u>John B. Pollock</u>	<u>Mike Prodic^A</u>	<u>Eric Kazbushki^B</u>	<u>Tony Belcar^B</u>
Research Promo	<u>Danny Castellan</u> →	<u>Tim Owens</u>	_____	_____
Tech/Energy/Govt Activities	<u>Laurier Nichols</u> →	<u>Harry Singh^A</u>	<u>Bob Bach^B</u>	<u>Les Fullerton^C</u>

Please forward these names to the Regional Chairman, who will make recommendations to the President-Elect, who will make the appointments.

5. RECOMMENDATIONS FOR SOCIETY HONORS AND AWARDS

	<u>Candidates</u>
Honorary Member (Eminent Professional Distinction)	_____
Fellow (Unusual Distinction)	<u>Roland Bouchette</u>
F. Paul Anderson Award (Outstanding work - one per year)	_____
ASHRAE-ALCO Award (Outstanding Public Service)	_____
Distinguished Service Award (Society Work)	<u>John Bisset</u> <i>Several to Paul and Safia</i>
Distinguished 50-Year Member	_____
Louise and Bill Holladay Distinguished Fellow Award	_____
Andrew T. Boggs Service Award (Continued Distinguished Service)	_____

6. REGIONAL AWARD OF MERIT (3 per year maximum)
 (Note: Include wording of citation. Add sheets if necessary.)

1. _____ *Daryl in 92 was included*
2. _____
3. _____

7. CRC GENERAL CHAIRMAN - Report names of next 3 upcoming general chairmen.
 (Note: This is NOT an Executive Session item. It is included on this sheet for convenience of reporting.)

<u>Name</u>	<u>Host Chapter</u> <i>Bourbonnais</i>	<u>CRC Year</u>
1. <u>Ottawa</u>	<u>Guy D'Amico</u> <i>Bourbonnais</i>	<u>94</u>
2. <u>Toronto</u>	<u>Jim Owen</u>	<u>95</u>
3. <u>London</u>	<u>David Lopez</u>	<u>96</u>

GUIDELINES FOR CRC MOTIONS

Chapter members have the right and the responsibility to present to the CRC Action Committee motions to enhance regional, chapter or Society activity. These motions should be presented during the open business session at the CRC where they can be discussed and voted on, following Robert's Rules of Order. Motions and resolutions coming out of the CRC can be most effective if presented in proper form. A fine conceptual resolution can be lost in the legislative process at Society level for want of proper wording, background explanation or research. The purpose of this document is to furnish suggestions for proper development of motions and procedures to funnel the motion into the correct committees.

All CRC motions are brought to the Regions Council by the Director and Regional Chair. Regions Council will approve, disapprove, postpone, refer or amend these motions in accordance with the following:

- A. Motions applicable to Grassroots Committees will be referred by Regions Council to those committees for review and recommendation prior to Regions Council's action on the motion.
- B. Committees and Councils to which Regions Council refers a motion must report the disposition of the motion to Regions Council.
- C. CRC motions affecting the Presidential Award of Excellence will be reviewed and discussed by the Regions Council and recommendations forwarded to the President-Elect.
- D. The DRC has the responsibility of monitoring all CRC motions from his/her region and report at the next CRC the status of those motions.

FORMAT FOR CRC MOTIONS

Motion Identification No. _____
(Region No., Motion No., Date)

Motion:

Background Information:

Fiscal Impact:

Suggested Motion Routing

Regions Council _____
Educational Activities Committee _____
Research Promotion Committee _____
Membership Promotion Committee _____
Technical, Energy and Government Activities Committee _____
Refrigeration Committee _____
Other _____

May 1993
R.R. # 5
Campbellford Ont.
KOL-1L0

To All Region II C.R.C. Delegates
From Cliff Thompson Region II Historian
Re Region II Historical Manual

By now you should have received your copy of the manual from last years Delegate (probably your Chapter president), if not ask him for it. Attached is the 1992/93 updates. The pages are not numbered but if you make sure that your copy is filed according to index and the 1991/92 updates are included you should not have much trouble filings these updates.

Cover Page ---Replace with updated May 1993

- Sec. 1 Regional Motions CRC Halifax ----Add eight pages after the
CRC Windsor 1991 Motions
- Sec. 2 Regional Award Winners ---- Replace 4 pages dated 28 Feb
1992 with four new pages dated 01 April 1993
- Sec. 5 CRC Locations ---Replace with new page to show proposed
Sept. dates
- Sec. 7 ASHRAE Research Canada ---Chapter Contribution summary:
. Replace sheet dated June 30 1991 with sheet
dated June 30 1992
----Research Projects Add letter from Bill
Seaton to William Dean June 9 1992 and the
following four pages
- Sec. 8 Budgets and Financial Statements ---File Halifax's final
Statement in place of Budget and add Quebec's
Budget for CRC 1993

Please take the time to properly file this update, don't just stick them in the back of the book. Unless they are properly maintained it will be of no use to future Delegates.

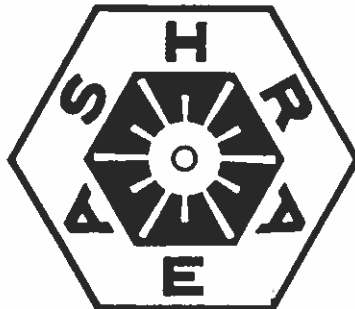
Regards


Cliff Thompson

c.c. Regional Chairman
Regional Vice Chairman
Geo. Mencies



REGION 2 HISTORICAL MANUAL



Prepared March 1991
Revised March 1992

Revised May 1993

#92-1, Windsor Chapter

Motion: It is moved that ASHRAE II Technical, Educational and Governmental affairs V.C. contact the appropriate federal Government office, and offer ASHRAE assistance, with their discretion, to establishing a uniform language for all of a Canada in the handling of the CFC and allied problems.

Background Information:

Municipal governments are passing by-laws that are not in the public interest.

Second: Darryl Boyce - London Chapter ·

REGIONAL MOTION

CARRIED

3.1 MOTIONS FROM CHAPTERS

#92-1, Halifax Chapter

Motion: Moved that chapter Assessment contribution to the CRC be paid 90 days in advance of CRC, effective September 1, 1992.

Background Information:

A) Useful as a starting fund for early preparation of CRC.

B) Removed time of contribution away from summer time.

Second: Jean Bundock - Quebec Chapter

REGIONAL MOTION

CARRIED

#92-2, Halifax Chapter

Motion: Moved that Society denote the value of the handbooks received yearly by the ASHRAE member to less than \$20.00, effective January 1, 1993. The value to be clearly shown on the cover for Canadian members.

Background Information:

Goods entering Canada are assessed a dollar value by Revenue. Canadians are subject to duty and Government Services Taxes which each ASHRAE member must pay.

Second: Darryl Boyce

MOTION WITHDRAWN

3.2 MOTIONS FROM WORKSHOPS

#92-3, Halifax Chapter

Motion: Move that residential and multi-residential buildings be added to the categories included in the Technology Awards Activities covered by PAOE.

Background Information:

Heating and cooling of residential building is becoming more complex and innovative.

Residential sector consumes a substantial portion of energy.

ASHRAE studies go towards residential applications.

Second: Brien Storey - New Brunswick Chapter

CARRIED

#92-2, Windsor Chapter

Motion: It is moved that ASHRAE Atlanta should study the development and cost to the chapters of a PC software package for use by the Chapter Secretary to facilitate the preparation of minutes for meetings by simply filling in the "Blanks".

Background Information:

Up-dating will assure better reporting to society.

Second: Darryl Boyce - London Chapter

Chairman voting

CARRIED

#92-1, Ottawa Valley Chapter

Motion: That membership application information, including the information provided for students, be made available in French.

Background Information:

A) The information relative to the benefits of Society memberships is a valuable tool.

MOTION WITHDRAWN

Substitute Motion: Darryl Boyce - London Chapter
That membership information be made available in French but not the actual application form.

Second: Bill Fines - Toronto Chapter

CARRIED

#92-2, Ottawa Vallet Chapter

Motion: That the guidelines for the Gold Ribbon Award and Certificate be modified as follows:
The first entry to cover the founding and the first five to ten years for the Chapter. Subsequent entries to be in ten year segments until the Chapter history is up to date. The existing criteria would then apply with the five year up dates.

Background Information:

To reduce the formidable task of the longer established chapters to obtain PAOE Points.

Second: Jean Bundock - Quebec Chapter

CARRIED

#92-3. Ottawa Valley Chapter

Motion: That the Regional Chairman be permitted to authorize substitutions for attendance at CRC'S for eligibility for transportation reimbursement, without affecting the PAOE point criteria.

Background Information:

If a committee chairman cannot attend the chapter loses financial support, incurs added expenses and are penalized with loss of PAOE points.

Second: Daryl Somers - Hamilton Chapter

CARRIED

#92-4. Ottawa Valley Chapter

Motion: That the "Presidential Newsletter" addressed to "Chapter Presidents" outlining the PAOE for 93/94 include within the reporting procedure instruction and approximate dates for the chapters to report to the Region.

Background Information:

To insure Chapters report on time and their year and total reflects the true level of activity in each category.

Second: Brian Norton - Montreal Chapter

CARRIED

#92-1, Toronto Chapter

Motion: The Charter for Mississauga Chapter be withdrawn and former Toronto and Hamilton chapter boundaries be re-instated.

Background Information:

Mississauga chapter has not been able to gain support.

Second: Darryl Boyce - London Chapter

CARRIED

#92-1, Hamilton Chapter

Motion: Move by the Hamilton Chapter that society consider a change in the application fee for new members to \$50.00 US for prospective members who apply after Jan. 30th.

Background Information:

A significant number of potential new members who are interested in membership are vowing to wait until the "new" year to get the full year for their money. A reduced rate after Jan 30th would help offset this argument and the potential member would proceed while interest is keen.

Amendment: To excluded the manual.

Second: Darryl Boyce - London Chapter

DEFEATED

#92-2, Hamilton Chapter

Motion: The Hamilton Chapter moves that the ASHRAE board of Director authorize an official letter to be sent to the Carrier Corporation, Division of United Technologies informing them that their ongoing print and electronic advertising which stated "in 1902 Willis Carrier invented air conditioning" presents an opinion of a historical fact. This opinion is untrue and incomplete statement of the air conditioning industry.

Background Information:

"No individual or firm can take credit for all or any larger parts of these developments. They are the mutual outgrowth of busy intelligent minds aiming toward improvement and attempting to develop the appeal of air conditioning to Engineers, Architects, contractors and owners so that the standards of the industry are not lowered to the detriment of all concerned."

Excerpt from Heating and Ventilation Vol. 26 June 1922
Willis H. Carrier

Second: Don Winkup - Windsor Chapter

DEFEATED

#92-1, London Chapter

Motion: The ASHRAE Board of Governors, through the Technology Council, consider the transfer of Chapter Programming support from the Technical, Energy and Government Activities Committee to the Refrigeration Committee.

Background Information:

Recent reorganization of the councils and grassroots Committees has created additional work for an already overloaded Committee. Transfer of the Chapter programs support to the Refrigeration Committee will support the focus of the committee and challenge to this underutilized committee.

Second: Don Winkup - Windsor Chapter

CARRIED

#92-2, Toronto

Motion: To develop a dual structure that will recognize multiple membership from employees through a reduction in society membership form all NEW members joining in chapter year in 1992-1993 while reverting such members to full membership dues in subsequently years to be determined.

Background Information:

Recognizing the downturn of membership and result in income. A potential income base for the future.

Second: Pierre Lavoie - Saguenay Lac St-Jean

DEFEATED

HONORS AND AWARDS
 REGION 02
 01 APR 1993

Mem#	Name	Honors/Awards	Chapter
148195	BEAUDOIN, GILLES	LIFE MEMBER	013 QUEBEC
18743	L'ANGLAIS, FRANCOIS	LIFE MEMBER	013 QUEBEC
0667683	SERVANT, AZARIAS	REGIONAL AWARD OF MERIT LIFE MEMBER	013 QUEBEC
0730890	TASSE, YVON R	REGIONAL AWARD OF MERIT REGIONAL AWARD OF MERIT	013 QUEBEC
0752058	TRUCHON, LOUIS P	LIFE MEMBER LIFE ASSOCIATE MEMBER	013 QUEBEC
0020115	ANGLIN, THOMAS G	LIFE MEMBER	014 MONTREAL
0025434	ARSENAULT, REAL J A	LIFE MEMBER	014 MONTREAL
0049869	BEDARD, RAYMOND	LIFE MEMBER	014 MONTREAL
0062829	BILLICK, PAUL G	LIFE MEMBER	014 MONTREAL
0068094	BLATHERWICK, HOWARD E	LIFE MEMBER	014 MONTREAL
0077841	BOURGALT, GERALD	LIFE ASSOCIATE MEMBER	014 MONTREAL
0078165	BOUTHILLETTE, ROLAND	LIFE MEMBER	014 MONTREAL
0083970	BRASLOFF, REUBEN I	LIFE MEMBER	014 MONTREAL
0088236	BRISSETTE, JACQUES L	LIFE MEMBER	014 MONTREAL
0147555	COOPER, HOWARD B	LIFE MEMBER	014 MONTREAL
0158787	CUCCIA, JOSEPH D	LIFE MEMBER	014 MONTREAL
0230904	FLANAGAN, JAMES B	LIFE ASSOCIATE MEMBER	014 MONTREAL
0235710	FORGET, GUY E	LIFE MEMBER	014 MONTREAL
0250182	GANS, NATHAN	LIFE MEMBER	014 MONTREAL
0260172	GILBERT, EDWARD J	LIFE MEMBER	014 MONTREAL
0274698	GRAVELSINS, JOHN	LIFE ASSOCIATE MEMBER	014 MONTREAL
0297378	HANLEY, ALLEN J	FELLOW/LIFE MEMBER	014 MONTREAL
0331344	HOLE, WILLIAM G	PRES/FELLOW/LIFE DISTINGUISHED SERVICE DISTINGUISHED 50 YEAR MEMBER	014 MONTREAL
0352755	ISAAC, WILLIAM C	LIFE MEMBER	014 MONTREAL
0359613	JARVIS, WILLIAM E	LIFE MEMBER	014 MONTREAL
0386478	KERT, MONROE H	LIFE MEMBER	014 MONTREAL
15206	LALONDE, BERNARD	LIFE MEMBER	014 MONTREAL
5692	LAMARCHE, PHILIPPE J	LIFE MEMBER	014 MONTREAL
18851	LANGSNER, LAWRENCE L	LIFE MEMBER	014 MONTREAL
0433323	LEVESQUE, LEO A	LIFE MEMBER	014 MONTREAL
0433674	LEVINE, SEYMOUR	LIFE MEMBER	014 MONTREAL
0434133	LEWIN, JACOB	LIFE ASSOCIATE MEMBER	014 MONTREAL
0453465	MACCANDLISH, DONALD	LIFE MEMBER	014 MONTREAL
0546210	CONNELL, THOMAS D	LIFE ASSOCIATE MEMBER	014 MONTREAL
0591003	POULIN, ANDRE	LIFE MEMBER	014 MONTREAL
0612009	RENWICK, WALTER H	LIFE MEMBER	014 MONTREAL
0664875	SEGAL, SAMUEL S	LIFE ASSOCIATE MEMBER	014 MONTREAL
0666873	SEMIC, IVO A	LIFE MEMBER	014 MONTREAL
0678132	SIDLER, JOSEPH	LIFE MEMBER	014 MONTREAL
0682614	SINGER, GERALD G	LIFE MEMBER	014 MONTREAL
0686259	SLONE, MORTON R	REGIONAL AWARD OF MERIT DISTINGUISHED SERVICE REGIONAL AWARD OF MERIT	014 MONTREAL
0695682	SOICHER, JACK A	LIFE MEMBER	014 MONTREAL
0702999	SPRINGER, JAMES C	LIFE MEMBER	014 MONTREAL
0729027	TAMM, HAROLD L	LIFE MEMBER	014 MONTREAL
0746442	TONELLI, RALPH J	LIFE MEMBER	014 MONTREAL
0747414	TOSH, WILLIAM	LIFE AFFILIATE MEMBER	014 MONTREAL
0754434	TURAGA, MAL	FELLOW	014 MONTREAL
0756243	TWIZELL, EDWIN W	LIFE MEMBER	014 MONTREAL
0760428	VALLIERES, RAYMOND H	50 YEAR MEMBER LIFE MEMBER	014 MONTREAL
0010206	ALGIE, W LLOYD	LIFE MEMBER DISTINGUISHED SERVICE REGIONAL AWARD OF MERIT	015 OTTAWA VALLEY
0116748	CARSCALLEN, GEORGE F	REGIONAL AWARD OF MERIT	015 OTTAWA VALLEY
0311904	HEARNDEN, GEORGE A	LIFE MEMBER	015 OTTAWA VALLEY
0376596	KARN, THOMAS P	LIFE MEMBER	015 OTTAWA VALLEY
093	KIRBY, C NOEL	LIFE MEMBER	015 OTTAWA VALLEY
091	KLASSEN, JACOB	FELLOW/LIFE MEMBER DISTINGUISHED SERVICE REGIONAL AWARD OF MERIT	015 OTTAWA VALLEY

HONORS AND AWARDS
 REGION 02
 01 APR 1993

Mem#	Name	Honors/Awards	Chapter
03925	LECLERC, PETER F	LIFE ASSOCIATE MEMBER	015 OTTAWA VALLEY
0437292	LIN, LEONARD A	LIFE ASSOCIATE MEMBER	015 OTTAWA VALLEY
0484434	MC INTYRE, DALTON J	LIFE MEMBER	015 OTTAWA VALLEY
0485109	MC KEEN, DONALD C	REGIONAL AWARD OF MERIT	
0490077	MCRAE, GEORGE K	LIFE MEMBER	015 OTTAWA VALLEY
0506655	MITALAS, GINTAS P	LIFE MEMBER	015 OTTAWA VALLEY
0564084	PARTINGTON, JOHN D	FELLOW	015 OTTAWA VALLEY
0627129	ROGERS, CLIFFORD	LIFE ASSOCIATE MEMBER	015 OTTAWA VALLEY
0680805	SIMMONDS, ALASTAIR G	LIFE MEMBER	015 OTTAWA VALLEY
0729081	TAMURA, GEORGE T	LIFE MEMBER	015 OTTAWA VALLEY
		FELLOW	015 OTTAWA VALLEY
		CROSBY FIELD	
		TECHNICAL PAPER	
		DISTINGUISHED 50 YEAR MEMBER	
		TECHNICAL PAPER	
		ASHRAE SYMPOSIUM PAPER	
0747225	TORRENS, JOSEPH S	LIFE ASSOCIATE MEMBER	015 OTTAWA VALLEY
0747981	TOWNSEND, FRED	LIFE MEMBER	015 OTTAWA VALLEY
0779949	WARRING, G RALPH	LIFE MEMBER	015 OTTAWA VALLEY
0785133	WEEDMARK, STIRLING B	LIFE MEMBER	015 OTTAWA VALLEY
0803520	WILSON, A GRANT	FELLOW/LIFE MEMBER	015 OTTAWA VALLEY
		DISTINGUISHED SERVICE	
0819072	YANOFSKY, HYMAN	LIFE MEMBER	015 OTTAWA VALLEY
0822826	YOUNG, RAY G	REGIONAL AWARD OF MERIT	015 OTTAWA VALLEY
		REGIONAL AWARD OF MERIT	
0004050	ADAMS, LAWRENCE	LIFE ASSOCIATE MEMBER	016 TORONTO
0012285	ALLINGHAM, JOHN F	LIFE MEMBER	016 TORONTO
0012636	ALLSOP, ROWLAND P	LIFE MEMBER	016 TORONTO
0020169	ANGUS, DONALD L	FELLOW/LIFE MEMBER	016 TORONTO
0021816	APPELTON, HARRY	LIFE MEMBER	016 TORONTO
0023949	ARMSTRONG, JAMES A C	LIFE MEMBER	016 TORONTO
003180	BAIRD, ALEXANDER G	LIFE ASSOCIATE MEMBER	016 TORONTO
003126	BALLAGH, A BRUCE	LIFE MEMBER	016 TORONTO
0041148	BARRAN, ARTHUR T W	LIFE MEMBER	016 TORONTO
0042660	BARTLETT, WILLIAM W	LIFE MEMBER	016 TORONTO
0051840	BELL, CHARLES E	LIFE MEMBER	016 TORONTO
0055080	BENNETT, I MAXWELL	LIFE MEMBER	016 TORONTO
0074196	BONISTEEL, WARREN D	LIFE MEMBER	016 TORONTO
5072767	BRENTON, GEORGE E.	LIFE MEMBER	016 TORONTO
0103707	BURRIDGE, LAURENCE E	LIFE MEMBER	016 TORONTO
0105003	BUSHNELL, HOWARD P	LIFE MEMBER	016 TORONTO
0106353	BUTTS, HARRY WILLIAM	LIFE MEMBER	016 TORONTO
0111078	CAMPBELL, ROBERT B	LIFE MEMBER	016 TORONTO
0116154	CARRIGAN, ROLAND B	LIFE MEMBER	016 TORONTO
0116964	CARTER, ALEXANDER W	LIFE MEMBER	016 TORONTO
		50 YEAR MEMBER	
0122067	CHADWICK, WILLIAM H	LIFE MEMBER	016 TORONTO
		REGIONAL AWARD OF MERIT	
0124578	CHAPKIN, ARTHUR I	LIFE MEMBER	016 TORONTO
0127926	CHEUNG, CHING	LIFE MEMBER	016 TORONTO
0134190	CLARK, ALLAN M	LIFE MEMBER	016 TORONTO
0137916	COATES, WILLIAM J	LIFE MEMBER	016 TORONTO
0141021	COLES, EDGAR T	LIFE MEMBER	016 TORONTO
0141831	COLLINS, JOSEPH J	LIFE AFFILIATE MEMBER	016 TORONTO
0157302	CROSSEY, RICHARD E	LIFE MEMBER	016 TORONTO
0159921	CUMMINGS, ROBERT	LIFE MEMBER	016 TORONTO
0166671	DASCHUK, TONY	LIFE MEMBER	016 TORONTO
0184545	DIORIO, GINO	LIFE AFFILIATE MEMBER	016 TORONTO
0186057	DOBIE, JOHN L	LIFE ASSOCIATE MEMBER	016 TORONTO
0196371	DODDIE, JOHN L	LIFE MEMBER	016 TORONTO
0198720	DUNCAN, W T ERSKINE	LIFE MEMBER	016 TORONTO
0217917	FAIR, JOHN L	LIFE MEMBER	016 TORONTO
0238410	FOX, JOHN H	LIFE MEMBER	016 TORONTO
		PRES/FELLOW/LIFE	
		DISTINGUISHED SERVICE	
		DISTINGUISHED 50 YEAR MEMBER	
0238410	FRENCH, HOWARD S	LIFE MEMBER	016 TORONTO
0238410	FURSE, HENRY M	LIFE MEMBER	016 TORONTO
0259902	GIFFIN, DONALD P	LIFE MEMBER	016 TORONTO
0265977	GOLD, HANS	LIFE MEMBER	016 TORONTO



HONORS AND AWARDS
 REGION 02
 01 APR 1993

Mem#	Name	Honors/Awards	Chapter
0273483	GRANEK, GERHARD	LIFE MEMBER	016 TORONTO
0281340	GRITTANI, HOWARD R	LIFE MEMBER	016 TORONTO
0287847	HAAS, OTTO F	LIFE MEMBER	016 TORONTO
0336501	HORNSTEIN, SERGE	LIFE MEMBER	016 TORONTO
0337068	HORVATH, EUGENE	LIFE MEMBER	016 TORONTO
0346356	HUNT, FREDERICK G	LIFE MEMBER	016 TORONTO
0354888	JACKSON, GRIFFITH H	LIFE ASSOCIATE MEMBER	016 TORONTO
0374382	KALLIS, WALTER	LIFE ASSOCIATE MEMBER	016 TORONTO
2010885	KAUFMAN, BERNARD	LIFE AFFILIATE MEMBER	016 TORONTO
0454923	MACKAY, ROBERT C	LINCOLN BOUILLON	016 TORONTO
0456462	MADIGAN, BASIL C	LIFE AFFILIATE MEMBER	016 TORONTO
0467397	MARTIN, R J WESLEY	LIFE MEMBER	016 TORONTO
0471852	MATTOCKS, HENRY J	LIFE MEMBER	016 TORONTO
0473418	MAYBANK, HERB	LIFE MEMBER	016 TORONTO
0487323	MC LEESE, WILLIS S	LIFE MEMBER	016 TORONTO
0500499	MILLEN, CHARLES T	LIFE MEMBER	016 TORONTO
0505089	MILNE, FRED N	LIFE MEMBER	016 TORONTO
0541647	NOLAN, CHARLES J	LIFE MEMBER	016 TORONTO
0550395	OLSEN, JULIUS C	FELLOW/LIFE MEMBER DISTINGUISHED SERVICE	016 TORONTO
0552096	ONEILL, JOSEPH F	LIFE MEMBER	016 TORONTO
0457825	PERLMAN, MAIER	FELLOW	016 TORONTO
0578502	PETRINEC, JULES R	LIFE MEMBER	016 TORONTO
0583308	PILKEY, DENNIS H	LIFE MEMBER	016 TORONTO
0594081	PRICE, DOUGLAS A	LIFE MEMBER	016 TORONTO
0630288	ROSE, JAMES W.S.	LIFE MEMBER	016 TORONTO
0630477	ROSE, RONALD S	LIFE ASSOCIATE MEMBER	016 TORONTO
0631881	ROSS, EARL J	LIFE AFFILIATE MEMBER	016 TORONTO
0633096	ROSSOFF, CLARENCE	LIFE MEMBER	016 TORONTO
0641628	SAGE, HERBERT C	REGIONAL AWARD OF MERIT	016 TORONTO
0676323	SHORE, M VICTOR	LIFE MEMBER	016 TORONTO
0676863	SHRODER, ROBERT	LIFE AFFILIATE MEMBER	016 TORONTO
0481669	SIMPKINS, ARTHUR C	LIFE MEMBER	016 TORONTO
042425	SINCLAIR, ERNEST H	LIFE MEMBER	016 TORONTO
0418848	STUBLEY, REDVERS D	LIFE MEMBER	016 TORONTO
0725166	SWEENEY, DARCY J	LIFE MEMBER	016 TORONTO
0728001	TAIT, LESLIE J	LIFE MEMBER	016 TORONTO
0728946	TAMBLYN, ROBERT T	LIFE MEMBER	016 TORONTO
0737721	THOMAS, DONALD B	LIFE MEMBER	016 TORONTO
0744012	TINDALL, GORDON W	LIFE ASSOCIATE MEMBER	016 TORONTO
0744552	TIRMAN, GEORGE	LIFE MEMBER	016 TORONTO
0746361	TOMS, GORDON C	LIFE MEMBER	016 TORONTO
0747306	TORRY, CHARLES L	LIFE MEMBER	016 TORONTO
0749979	TRELEAVEN, HERBERT M	LIFE MEMBER	016 TORONTO
2049306	WILKINSON, WILLIAM B	LIFE MEMBER	016 TORONTO
0802251	WILLIAMS, W ERIC	LIFE MEMBER	016 TORONTO
0825768	ZARNETT, BERNARD H	LIFE MEMBER	016 TORONTO
0828954	ZSENATY, THOMAS E	LIFE MEMBER	016 TORONTO
0064233	BIRSS, T KENNETH	LIFE MEMBER	037 HAMILTON
0192105	DOJLER, EDWARD A	LIFE MEMBER 50 YEAR MEMBER	037 HAMILTON
0217674	FANEY, RICHARD J	LIFE ASSOCIATE MEMBER	037 HAMILTON
0487296	MCLEAN, WILLIAM J	LIFE MEMBER	037 HAMILTON
0488349	MCMILLEN, JOHN G	LIFE MEMBER	037 HAMILTON
0494937	MENZIES, GEORGE	DISTINGUISHED SERVICE REGIONAL AWARD OF MERIT	037 HAMILTON
0507222	MITCHELL, JAMES A	LIFE MEMBER	037 HAMILTON
0582255	PIERCE, JAMES F	LIFE AFFILIATE MEMBER	037 HAMILTON
0602289	RAMMO, ERIK	LIFE MEMBER	037 HAMILTON
0652401	SCHIECK, ROBERT R	LIFE MEMBER	037 HAMILTON
0656046	SCHOCK, ROBERT E	LIFE MEMBER	037 HAMILTON
0667305	SENTESY, LOUIS	LIFE MEMBER	037 HAMILTON
0813672	WOODS, WALTER E	LIFE MEMBER	037 HAMILTON
0819315	YASKOWICH, LEON A	LIFE ASSOCIATE MEMBER	037 HAMILTON



HONORS AND AWARDS
 REGION 02
 01 APR 1993

Mem#	Name	Honors/Awards	Chapter
092043	BROWN, EDWARD DANIEL	LIFE AFFILIATE MEMBER	100 HALIFAX
0098280	BUCKLER, GEORGE W	LIFE MEMBER	100 HALIFAX
		DISTINGUISHED SERVICE	
		REGIONAL AWARD OF MERIT	
0144774	CONRAD, PAUL R	REGIONAL AWARD OF MERIT	100 HALIFAX
		DISTINGUISHED SERVICE	
		REGIONAL AWARD OF MERIT	
0192726	DOYLE, M GERARD	FELLOW	100 HALIFAX
0517050	MORRIS, DENIS J	FELLOW	100 HALIFAX
0662877	SCRIVEN, JAMES A	FELLOW	100 HALIFAX
0787995	WELD, GORDON B	FELLOW	100 HALIFAX
		DISTINGUISHED SERVICE	
0517860	MORRISON, CLIFTON R	LIFE MEMBER	116 LONDON
0384534	KENNEDY, JOHN A	LIFE MEMBER	117 NEW BRUNSWICK
0583011	PIKE, ALBERT J	LIFE MEMBER	117 NEW BRUNSWICK
0664605	SEELY, DELBERT F	LIFE MEMBER	117 NEW BRUNSWICK
0140076	COLBORNE, WILLIAM G	LIFE MEMBER	141 WINDSOR
0231876	FLEMING, LYLE J	LIFE ASSOCIATE MEMBER	141 WINDSOR
0363933	JOHNSON, CLARENCE W	LIFE MEMBER	141 WINDSOR
0080271	BOYD, JAMES	LIFE MEMBER	153 MISSISSAUGA
0122877	CHAMBERS, FRED W	LIFE MEMBER	153 MISSISSAUGA
		50 YEAR MEMBER	
0369360	JONES, JAMES L	LIFE MEMBER	153 MISSISSAUGA
0489564	MCINCH, DOUGLAS F	LIFE MEMBER	153 MISSISSAUGA
0546831	ODE, TAD	LIFE MEMBER	153 MISSISSAUGA

SECTION 5

CHAPTER REGIONAL CONFERENCES

1961	Quebec	1978	London Canada (Benmiller
1962	Toronto	1979	Saskatoon
1963	Banff	1980	Moncton
1964	Ottawa	1981	Montreal
1965	Winnipeg	1982	Halifax
1966	Hamilton	1983	Quebec
1967	Montreal	1984	Toronto (Niagara-on-the Lake)
1968	Edmonton	1985	Ottawa
1969	Halifax	1986	Hamilton (Niagara Falls)
1970	Winnipeg	1987	Lac St. Jean
1971	Quebec	1988	London
1972	Toronto	1989	Moncton
1973	Regina	1990	Montreal
1974	Ottawa	1991	Windsor
1975	Calgary	1992	Halifax Aug. 27-29
1976	Hamilton	1993	Quebec Sept 16/18
1977	Winnipeg	1994	Ottawa Sept 22/24
		1995	Toronto Sept 21/23
		1996	Hamilton Sept 19/21
		1997	London Sept ??

ASHRAE RESEARCH CANADA

YTD CONTRIBUTION SUMMARY

June 30, 1992

Chapter	# of Memb.	Goal	YTD Inv	Year to Date Investments	Percent of Goal
Quebec	173	\$4,500.00	45	\$4,360.00	96.89%
Montreal	539	\$8,170.00	41	\$3,696.00	45.24%
Ottawa	341	\$13,000.00	50	\$7,817.00	60.13%
Toronto	839	\$36,000.00	71	\$33,791.00	93.86%
Hamilton	193	\$10,000.00	37	\$6,859.00	68.59%
Halifax	178	\$7,770.00	30	\$3,393.00	43.67%
London	110	\$5,500.00	10	\$3,560.00	64.73%
New Brunswick	120	\$4,500.00	15	\$2,495.00	55.44%
Saguenay	36	\$1,500.00	4	\$465.00	31.00%
Windsor	55	\$3,600.00	30	\$3,240.00	90.00%
Mississauga	140	\$1,000.00	14	\$1,510.00	151.00%
Manitoba	175	\$6,500.00	2	\$85.00	1.31%
Southern Alberta	308	\$13,800.00	62	\$7,875.00	57.07%
Northern Alberta	242	\$12,000.00	59	\$4,491.00	37.43%
British Columbia	379	\$20,000.00	80	\$15,112.00	75.56%
Regina	55	\$7,500.00	25	\$4,416.00	58.88%
Saskatoon	84	\$5,200.00	21	\$2,246.00	43.19%
Vancouver Island	92	\$10,000.00	28	\$8,065.00	80.65%
TOTALS	4059	\$170,540.00	624	\$113,476.00	66.54%



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

1791 Tullie Circle, NE • Atlanta, Georgia 30329 ☎ 404-636-8400 • Tlx 705343 ASHRAE • Fax 404-321-5478

Wm. W. Seaton
Manager of Research

TO: William Dean, President, ASHRAE Research Canada
FROM: Bill Seaton *Bill Seaton*
DATE: June 9, 1992
SUBJECT: ASHRAE Research in Canada

Attached is some information you might like to prepare for the upcoming ARC meeting.

We now have 11 active projects in Canada with a total value exceeding \$1 million dollars (CDN). These projects need Canadian donations of \$314,800 (CDN) for 1991-92 to fund them, and will need \$195,300 (CDN) for 1992-93.

We have 39 Canadian organizations on our current bidders list.

WWS/mjb
Attachments

JUN 15 1992

RESEARCH PROJECT WORKSHEET

STATUS	TITLE	TC/TG	COST	PERIOD	CAT.	CONTRACT./NOTE
455-RP/A	INVESTIGATION OF DYNAMIC LATENT HEAT STORAGE EFFECTS OF BUILDING CONSTRUCTION AND FURNISHING MATERIALS	4.4	88,520	S91.01 E92.04	EC	ONTARIO RESEARCH DAVID BAILEY
515-RP/A	DYNAMIC HEAT TRANSMISSION CHARACTERISTICS OF 7 GENERIC WALL TYPES	4.1	125,229 17,175 US\$	S89.04 E90.09 X91.03	DT	NATL. RESEARCH COUNCIL CANADA W.C. BROWN
578-RP/A ***	DETERMINATION OF WINDOW SYSTEM U-VALUES FOR TABLE 13 OF THE HANDBOOK OF FUNDAMENTALS	4.5	119,240	S91.09 E93.03	EC	ENTERMODAL S.C. CARPENTER
618-RP/C	EVALUATION OF ALGORITHMS FOR ANALYSIS OF SMOKE CONTROL SYSTEMS	5.6	79,666	S89.09 E90.10 C92.01	H & S	G.K. YUILL & ASSOC.
620-RP/A	VALIDATION OF HEAT PUMP/HEAT RECOVERY SYSTEM MODELING	9.4	90,225	S89.12 E91.10 X92.10	EC	CANETA RESEARCH DOUG CANE
624-RP/A	LABORATORY METHODS OF TESTING FOR RATING LOW FREQUENCY SOUND EMISSION OF AIR-CONDITIONING EQUIPMENT	2.6	95,455	S89.09 E91.01 X91.07	COM	NATL. RESEARCH COUNCIL CANADA W.T. CHU
656-RP/A **	HEAT PUMP/HEAT RECOVERY OPERATING EXPERIENCE	9.4	64,500	S91.12 E93.01	EC	CANETA RESEARCH DOUG CANE
661-RP/A -	FIELD VERIFICATION OF PROBLEMS CAUSED BY STACK EFFECT IN TALL BUILDINGS	TG9/TB 9	35,000	S91.09 E92.09	DT	M. HERSCHFELD & ASSOC. A.G. WILSON
677-RP/A	EFFECT OF AUTOMATIC SPRINKLER PROTECTION ON SMOKE CONTROL SYSTEMS	5.6	105,810	S91.04 E92.10	H&S	NATL. RESEARCH COUNCIL CANADA J.R. MAWHINNEY
713-RP/A -	EVALUATION OF SOLAR HEAT GAIN TEST METHODS	4.5	96,620	S91.09 E92.10	DT	QUEEN'S U. S.J. HARRISON
722-RP/A .	MEASUREMENT OF TWO-PHASE REFRIGERANT LIQUID-VAPOR MASS FLOW RATE	1.2	89,200	S92.05 E93.11	CFC	MCMASTER U. M. SHOUKRI

**ASHRAE RESEARCH EXPENDITURES
FOR 1991-92**

08-Jun-92

PROJECT	TOTAL ASHRAE COMM.	REMAIN. COMM.	POTENTIAL 91-92 EXPENSES	CURRENT PAYMENTS Y. T. D.	SCHEDULED FY 92-93 EXPENSES
GIA U.S. GIA CAN. *	69,000	69,000	69,000	66,000 0	132,000
392 RP-III (PSU)	154,844	38,644	38,644	0	
408 RP (UCA)	39,532	3,932	3,932	3,932	
432 RP (UMD)	77,691	19,451	19,451	0	
438 RP (UKY)	68,803	17,203	17,203	0	
453 RP (UMA)	50,295	5,095	5,095	0	
455 RP (ORF) *	110,650	69,250	69,250	13,800	
464 RP (UTN)	119,196	29,796	29,796	17,875	
475 RP (GRI)	50,000	12,500	6,250	0	
476 RP (ES)	81,260	8,125	8,125	8,125	
491 RP (CES)	73,273	7,573	7,573	7,573	
493 RP (KSU)	85,232	21,332	0	0	
496 RP (JMC)	57,625	3,622	3,622	0	
497 RP (OSU)	32,803	3,283	3,283	0	
515 RP (NRCC) *	181,870	53,757	53,757	16,804	
518 RP (TUD)	114,840	28,840	28,840	17,300	
527 RP (GIT)	72,124	7,249	7,249	7,249	
548 RP (LBL)	160,000	4,363	4,363	139	
558 RP (PU)	103,333	24,733	24,733	0	
560 RP (PSU)	129,395	32,355	32,355	32,355	
563 RP (UTX)	52,891	13,191	13,191	13,191	
569 RP (UIL)	36,078	3,628	3,628	0	
574 RP (OSU)	99,156	24,781	10,606	11,050	
577 RP (KSU)	199,195	49,795	49,795	0	
578 RP (ENRM) *	129,570	129,570	64,800	58,480	64,770
586 RP (RPI)	99,250	24,850	24,850	24,850	
590 RP (UMR)	94,500	9,500	9,500	9,500	
592 RP (CDA)	97,279	79,079	36,400	27,300	42,679
596 RP (UMR)	52,704	13,083	13,083	13,104	
600 RP (AGA)	113,399	54,445	54,445	36,400	8,945
602 RP (JAL)	14,600	3,650	3,650	0	
606 RP (CEE)	92,500	22,900	22,900	0	
607 RP (LBL)	42,611	0	0	0	
610 RP (U P)	157,571	128,021	39,400	29,550	39,371
614 RP (ORNL)	74,200	5,810	5,810	0	
618 RP (GKY) *	93,725	26,245	26,245	26,245	
619 RP (KSU)	98,798	98,798	49,400	37,050	49,398
620 RP (CR) *	78,773	37,583	37,583	26,400	
622 RP (UFL)	111,918	111,918	28,000	10,500	56,000
623 RP (AGA)	55,028	27,528	13,778	8,275	13,750
624 RP (NRCC) *	114,317	28,567	28,567	0	
625 RP (UMN)	114,948	97,655	36,620	18,300	36,620
626 RP (OSU)	24,750	13,500	13,500	13,500	
626 RP (ASA)	30,292	16,872	16,872	13,500	
629 RP (UCO)	66,000	16,500	16,500	9,900	
630 RP (ISU)	135,740	81,450	40,800	27,310	40,650

ASHRAE RESEARCH EXPENDITURES FOR 1991-92

08-Jun-92

PROJECT	TOTAL ASHRAE COMM.	REMAIN. COMM.	POTENTIAL 91-92 EXPENSES	CURRENT PAYMENTS Y. T. D.	SCHEDULED FY 92-93 EXPENSES
641 RP (N&A)	28,620	2,920	0	0	
642 RP (ISU)	46,410	20,310	20,310	8,700	
645 RP (GTRI)	124,039	66,039	66,039	53,550	
652 RP (ISU)	52,415	13,165	13,165	7,900	
654 RP (TAM)	94,812	52,137	52,137	14,225	
656 RP (CR)	64,500	64,500	42,000	28,000	22,500
657 RP (KSU)	74,896	74,896	44,800	33,750	30,096
658 RP (UMD)	80,880	35,430	35,280	15,150	
661 RP (MHL)	35,000	35,000	26,250	22,008	8,750
664 RP (UIL)	89,925	81,500	42,125	33,700	47,800
665 RP (UL,B)	57,250	41,125	21,500	21,500	19,625
666 RP (SWA)	104,835	65,535	65,535	19,650	
667 RP (UFL)	19,823	4,973	4,973	4,973	
668 RP (ISU)	117,120	99,520	35,200	17,600	35,200
671 RP (RTI)	103,530	77,530	51,800	26,000	25,730
674 RP (RTI)	27,466	6,866	6,866	4,125	
675 RP (AFTL)	94,800	77,000	35,600	17,800	41,400
676 RP (ISU)	128,550	109,250	38,600	19,300	38,600
677 RP (NRCC)	121,682	91,282	60,800	45,600	30,482
678 RP (UFL)	42,030	26,230	26,270	15,800	
680 RP (CAL)	56,000	56,000	28,000	14,000	28,000
682 RP (KSU)	107,940	107,940	40,500	20,200	40,500
683 RP (UDRI)	37,087	9,287	9,287	5,575	
690 RP (TTU)	79,440	79,440	39,720	19,860	39,720
691 RP (RAD)	25,000	25,000	25,000	18,750	0
698 RP (UMR)	80,868	80,868	24,250	12,125	36,375
699 RP (VPI)	68,780	55,880	25,800	12,900	30,080
701 RP (UMN)	70,000	43,750	43,750	26,250	
702 RP (MU)	142,558	142,558	35,600	17,800	71,200
703 RP (KSU)	120,403	120,403	25,800	12,900	51,600
705 RP (UIL)	89,660	89,660	16,800	8,400	33,600
707 RP (UMKC)	93,598	93,598	35,100	17,550	35,100
712 RP (ADM)	69,784	69,784	17,400	8,725	34,800
713 RP (UQN)	96,620	96,620	72,400	64,071	24,220
716 RP (IRI)	71,138	71,138	53,400	40,050	17,738
717 RP (JMC)	76,554	76,554	28,700	0	17,738
722 RP (MMU)	89,200	89,200	22,300	13,380	44,600
725 RP (TTU)	100,000	100,000	18,750	9,375	37,500
728 RP (A+C)	74,975	74,975	22,500	11,250	33,750
738 RP (UdL)	46,900	46,900	11,700	5,875	23,400
741 RP (OSU)	60,867	60,867	18,260	9,130	27,390
743 RP (UID)	14,498	14,498	10,900	5,450	3,598
OTHER					
TOTAL CAN.(C\$) *	1,115,907	721,574	503,952	314,787	195,322
TOTAL CAN.(US\$)	945,731	611,534	427,099	266,782	165,535
TOTAL U.S. PROJ.	6,176,105	3,507,576	1,903,659	1,053,716	1,219,953
TOTAL PROJ. US\$	7,121,836	4,119,110	2,330,758	1,320,498	1,385,488

POTENTIAL CANADIAN BIDDERS

INSTITUTE	REGION
ASECOR, LTD	2
CANETA RESEARCH, INC.	2
CARLTON UNIVERSITY	2
CONCORDIA U.	2
COWAN QUALITY BUILDINGS	2
CRIQ, CANADA	2
ENERMODAL ENGINEERING LTD.	2
GUELPH, U.OF (FOOD)	2
INDOOR AIR TECHNOLOGIES	2
KHEMANI & ASSOCIATES	2
LAVAL, U.de (FOOD)	2
LAVAL UNIVERSITY	2
McMASTER U.	2
MORRISON HERSHFIELD LTD.	2
MUELLER ASSOCIATES	2
NATIONAL RESEARCH COUNCIL CANA	2
ONTARIO HYDRO	2
ONTARIO RESEARCH FOUNDATION	2
OTTAWA, U. de	2
R W D I	2
SCANADA CONSULTANTS LTD.	2
WATERLOO, U.OF	2
WINDSOR, U.OF	2
YUILL, G. K.	2
ALBERTA, U.OF	11
ALBERTA, U.OF (FOOD)	11
APPROTECH GENERAL SCIENCES	11
BRITISH COLUMBIA, U. OF (ARCH.)	11
BRITISH COLUMBIA, U.OF (FOOD)	11
CALGARY, U.OF	11
CLEARSTONE ENGINEERING	11
MANITOBA, U.OF	11
MANITOBA, U.OF (ARCH)	11
MANITOBA, U.OF (FOOD)	11
SASKATCHEWAN, U.OF	11
SOUTHERN ALBERTA INST. OF TECH.	11
SYNERGIC RESOURCES	11
UNIES, LTD.	11
YUILL, G.K. (VICTORIA)	11



BUDGET - CRC-93 QUEBEC

REVENUS

1. CHAPTER ASSESSMENT (5,\$ x 1200 MEMBER)	6 000,\$
2. SOCIETY CONTRIBUTION (1 500,\$ U.S.)	1 700,\$
3. REGISTRATION - DEL./ALT. (45,\$ X 175,00)	7 858,\$
4. REGISTRATION - COMP.(A) (125,\$ X 10)	1 250,\$
5. REGISTRATION - COMP.(B) (100,\$ X 10)	1 000,\$
6. REGISTRATION - FULL CHAPTER MEM. (150,\$ X 40)	6 000,\$
7. CORPORATE DONATIONS (CHECKING IT OUT)	2 000,\$
TOTAL REVENUE =	25 825,\$

EXPENSES

1. HOTEL SPACE, MEETING ROOMS	1 500,\$
2. THUR. P.M. ST-LAWRENCE RIVER TOUR	1 500,\$
3. FRI. A.M. BREAKFAST (12,\$ X 60)	540,\$
4. FRI. P.M. PRESIDENTS LUNCH (35,\$ X 80)	2 800,\$
5. FRI. P.M. HISTORIC FEAST (60,\$ X 125)	7 500,\$
6. SAT. A.M. BREAKFAST (12,\$ X 60)	720,\$
7. SAT. P.M. LUNCH (25,\$ X 60)	1 500,\$
8. FRI. A.M. COMPANION TOUR	500,\$
9. FRI. P.M. COMPANION TOUR	500,\$
10. COFFEE BREAKS (100,\$ X 5)	500,\$
11. HOSPITALITY ROOM SUPPLIES	1 500,\$
12. PRINTING, MAILING, POSTAGE, PHOTOCOPIES	2 500,\$
13. EQUIPMENT RENTALS	1 000,\$
14. AWARDS, TELEPHONE CALLS, REG. MATERIAL	2 500,\$
15. TRANSPORTATION/TECH SESSION	300,\$
16. MISC.	465,\$
TOTAL EXPENSES =	25 825,\$

REGISTRATION PACKAGE

PACKAGE(MEMBER/ALT.) 175,\$	PARTIAL (COMPANION TOUR) 20,\$
PACKAGE(COMPANION -A) 125,\$	PARTIAL (FRI. BREAKFAST) 20,\$
PACKAGE(COMPANION -B) 100,\$	PARTIAL FRI. PRES. LUNCH) 50,\$
PACKAGE(FULL CHAPTER MEMBERS) 150,\$	PARTIAL (FRI. QUEBEC NIGHT) 100,\$
	PARTIAL (SAT. BREAKFAST) 20,\$
	PARTIAL (SAT. LUNCH) 30,\$
	PARTIAL (TECHNICAL TOUR) 10,\$



Final

CRC '92 HALIFAX
REVENUES VS EXPENDITURES

	<u>REVENUE</u>	<u>BUDGET</u>	<u>ACTUAL</u>
1.	CHAPTER ASSESSMENTS @ \$5.00/M	5850.00	5640.00
2.	SOCIETY CONTRIBUTION \$1500 U.S.	1776.00	1776.00
3.	FULL REGISTRATION @ \$170/M	5950.00	17297.00
	PRESIDENT'S LUNCHEON @ \$20	700.00	
	HISTORIC FEAST SHOW @ \$60	1200.00	
	SATURDAY LUNCH		
	COMPANIONS @ \$125	2500.00	
	CHAPTER REG. MEMBER @ \$155.	2325.00	
	CHAPTER REG. COMPANIONS @ \$65	650.00	
4.	CORPORATE DONATIONS	0.00	2500.00
5.	BANK INTEREST	0.00	<u>135.98</u>
	TOTAL	20951.00	27348.78
	<u>EXPENSES</u>		
1.	HOTEL MEETING ROOMS	3001.00	7771.27
	BREAKFAST FRI. AND SAT.	1050.00	
	PRESIDENT'S LUNCHEON	2100.00	
	LUNCH SATURDAY	1260.00	
	COFFE BREAKS	735.00	
2.	HOTEL ROOM DRC	506.00	459.03
3.	EQUIPMENT RENTAL	1300.00	2675.32
4.	HARBOUR TOUR (WEDNESDAY PM)	0.00	200.00
5.	BOAT TOUR (THURSDAY)	750.00	756.40
6.	COMPANION TOURS	596.00	1140.63
7.	HISTORIC FEAST FRIDAY	5000.00	6550.00
8.	HOSPITALITY SUPPLIES	500.00	168.85
9.	RECORDING SECRETARY	600.00	210.00
10.	MISC. POSTAGE, PHOTOCOPYING ETC.	1800.00	277.14
11.	REG. MATERIAL, GIFTS	1600.00	589.39
12.	COMMITTEE MEETING EXPENSES	103.00	335.29
13.	TRANSPORTATION/PARKING	<u>0.00</u>	<u>325.49</u>
	TOTAL	20951.00	21458.81
	GROSS SURPLUS		5890.17
	CONTRIBUTION TO REGIONAL FUND		2945.08
	NET SURPLUS		2945.09

PER: ELMER SPENCER CRC '92 TREASURER

HCC
Chapter Chairperson for
Research Memberships
do NOT have to send
to Dallas

ASHRAE TRAVEL VOUCHER

Request for payment for transportation expenses incurred in attending a meeting.

Requests should be submitted within 30 days after meeting.

Claims submitted after 90 days will not be reimbursed.

Meeting Attended/Purpose CRC REGION II - QUEBEC.

Meeting Location QUEBEC Travel Date(s) SEPT 16-19/1993

Signature (Required) Peter Ziebart Date SEPT 20 Address 67 THUNDERBIRD CR.

Print Name PETER ZIEBART LONDON, ONTARIO CANADA N6J 4N3
City State Zip

ORIGINAL RECEIPTS MUST BE ATTACHED FOR REIMBURSEMENT

METHOD OF TRANSPORTATION	AMOUNT
<input checked="" type="checkbox"/> Air Travel From <u>LONDON</u> To <u>QUEBEC</u>	\$ <u>425.15</u>
<input type="checkbox"/> Rail Travel From _____ To _____	\$ _____
<input type="checkbox"/> Automobile (ASHRAE transportation policy does not allow for vehicular travel to and from airport or for parking.) _____ miles From _____ To _____	\$ _____
The rate of reimbursement for auto travel will be the most recently approved IRS mileage rate. To be filled in by Headquarters \$ _____	

Other approved expenses (attach receipts) \$ 178.75

TOTAL REIMBURSABLE EXPENSE \$ 603.90 CDN.

Make check payable to PETER ZIEBART

Address 67 THUNDERBIRD CR. LONDON, ONTARIO CANADA N6J 4N3

- Contribute payment to Scholarship Fund
- Contribute payment to ASHRAE Research Fund Member Industry

In the name of _____

Address _____

Chapter to be credited _____

Travel Authorized By: (Please initial) (For CRC, Chapter Visits, or Reg'l Planning only!)

Regional Director _____

PLEASE INDICATE ALL COMMITTEES* YOU ARE A MEMBER OF (*SOCIETY ONLY)
CHAPTER POSITIONS NOT NECESSARY Specify Below

- EXCOM _____
- BOARD OF DIRECTORS _____
- COUNCIL MEMBER (specify councils) _____
- COMMITTEE MEMBER (specify committees) _____
- CRC ALTERNATE/DELEGATE ALTERNATE
- AD HOC COMMITTEE MEMBER (specify) _____
- OTHER (specify) _____

TRAVEL REIMBURSEMENT POLICY (Excerpts)

The Board of Directors recognizes that officer, Board, council and committee activities are essential to maintaining volunteer involvement in ASHRAE. These activities, which provide real and tangible benefits to the public, the profession and industry are worthy of financial support. Many members, through personal or company resources, are able to defray their travel expenses which is greatly appreciated by ASHRAE. However, there are situations where members do not have the necessary resources to defray these costs, and ASHRAE is prepared to assist the member with these costs within the limits of this policy. The member travelling on behalf of ASHRAE shall always seek to minimize the cost to ASHRAE.

DEFINITIONS

1. **Transportation Expense:** By public transportation, the cost of round trip fare from terminal to terminal. By automobile, mileage from home or office to destination and return.
2. **Travel Expense:** Transportation expense plus ground transportation, hotel, meals, parking fees, registration, and social event expenses.
3. **Standard Coach Fare:** Non-advance purchase discount coach fare or equivalent as determined by the ASHRAE treasurer.

AIRPLANE TRANSPORTATION

1. ASHRAE policy on use of air transportation is to reimburse the member, when requested, an amount which does not exceed the standard coach fare between the destination points. Exceptions must be approved in advance by the Coordinating Officer.
2. Reimbursable costs are for the basic air fare only. Cost of travel insurance, ground transportation, baggage handling, gratuities and other similar out-of-pocket expenses are not reimbursable.
3. As most ASHRAE travel is to attend meetings, which time and place are usually known well in advance, the member must make reservations early to take advantage of special fares.
4. In most cases air fares can be substantially reduced if the traveller stays over at the destination point. When the member stays over *solely* to use the reduced fare, ASHRAE will reimburse the member, when requested, for the air fare paid, plus the amount spent for one night's lodging and food to enable use of the lower fare, providing the total cost does not exceed the standard coach fare between the destination points. In those cases where more than one night's stayover would give a reduced air fare, approval may be authorized by the Coordinating Officer.
5. Members may use their own frequent flyer coupons for ASHRAE travel and will be reimbursed the amount, when requested, to a maximum equivalent to the fare for a maximum advanced purchase, Saturday night stay over, non-refundable coach ticket. Members reimbursed for use of free flight coupons will be furnished a notice of the amount paid for use in filing income taxes.
6. If the most economical fare is of the type where a cost is involved for changes in flight plans, ASHRAE will reimburse the member for such costs where the change in flight plans results from unforeseen changes in the scheduled meeting or event.
7. In order to reduce transportation costs for ASHRAE travel, members are encouraged to use senior discounts, bulk purchase coupons, yearly flight packages, or other discount fares which may be available to them. The member will be reimbursed, when requested, for use of such tickets, providing the reimbursed amount is less than the standard coach fare available between the destination points.

PRIVATE VEHICLE TRANSPORTATION

1. In the case of transportation by private vehicle, ASHRAE may reimburse the member, when requested, for the vehicle operating expenses at the current United States of America Internal Revenue Service reimbursement rate.
2. If the reimbursement amount calculated (paragraph 1) exceeds the cost of the most economical air fare (as defined in AIRLINE TRANSPORTATION section) for the same travel, then the maximum amount that the member will be reimbursed will be equal to the most economical air fare, where applicable.

OTHER MODES OF TRANSPORTATION

1. In the case of travel by bus, train, boat, or any other means, ASHRAE may reimburse the member, when requested, for their transportation costs.
2. The maximum amount that the member will be reimbursed will be equal to the lesser of the actual transportation cost and the most economical air fare (as defined in AIRPLANE TRANSPORTATION section).

DOCUMENTATION

1. Travel expense reimbursement claims must be made on the approved ASHRAE form and must bear the signature of the Society officer or chairman authorizing the travel, if applicable.
2. All claims should be submitted to ASHRAE's comptroller within 30 days of the travel date. Claims submitted after 90 days will not be reimbursed.
3. Original receipts, or tickets, must be included with any travel reimbursement claim and must clearly show the amount claimed. When senior discounts, bulk purchase coupons, yearly flight packages, or frequent flyer coupons are used, boarding passes in lieu of tickets may be included.
4. Reimbursement will be provided for only the amount shown on an original transportation ticket or as indicated in paragraphs 4, 5 and 7 under AIRLINE TRANSPORTATION section above.
5. All claims should be made in USA currency, if possible. Where receipts or tickets are in currencies other than USA dollars, then the claim must clearly show the type of currency. ASHRAE will make payment either in the same currency as the claim or in USA dollars at the exchange rate that exists at the time the claim is processed by ASHRAE.

Member Responsibility: Prior to making arrangements to travel on behalf of ASHRAE, it is the member's responsibility to identify what costs are reimbursable.

Return this voucher to: **Comptroller**
ASHRAE
1791 Tullie Circle, NE
Atlanta, GA 30329-2305
404-636-8400

ASHRAE Trave Voucher

Detail of Expenses:

1. Flight	\$425.15
2. Room for Saturday	139.10
3. Meal for Staurday	17.65
4. Taxi to airport	<u>22.00</u>
TOTAL	\$603.90 CDN

(flight back on Saturday night would have been \$798.00 CDN)

capture the Warsaw
th or personal inju
mitation of Liability

ISSUED TICKET AND BAGGAGE CHECK SUBJECT TO CONDITIONS OF CONTRACT / BILLET DE PASSAGE ET BILLETIN DE BAGAGES SOUMIS AUX CONDITIONS DE TRANSPORT

SEE BELOW FOR AIRLINE FORM SERIAL NUMBER
VOIR Nº DU BILLET CI-DESSOUS

AIK CANADA **PN 12/95-07**

NON-REFUNDABLE / VALABLE ONLY ON **BSP CANADA** **YYUYYU** **UNIGLOBE INSTANT**
DATE OF ISSUE / DATE D'ÉMISSION **31AUG93** **AA/RUXEAL** **PASSENGER**
NOT TRANSFERABLE TICKETS **ISSUED BY EXCHANGE YOU MUST RETURN BY**

ZIEHART/P HR **COUPON** **93DN**
011375 **LONDON** **19SEP1993** **IN006422**

FROM	CARRIER / TRANSPORT	FLIGHT / VOL	CL	DATE	TIME / HEURE	STATUS / RESERV	FARE BASIS / BASE TARIF	UNCE WT / NON EWR	PCS / NOMBRE	WT / POIDS	UNCE WT / NON EWR	PCS / NOMBRE	WT / POIDS	UNCE WT / NON EWR
TORONTO	AC	1211	H	19SEP	100P	OK	H14SNR							
LONDON	ONT	VOID		VOID										
VOID		VOID		VOID										
VOID		VOID		VOID										
VOID		VOID		VOID										

NON VALID FOR PASSAGE **NON VALABLE POUR TRANSPORT**

FARE CALCULATION / CALCUL EN PHS
CAN 342.00 **YXU AC Y** **NON VALABLE 51.00** **AC Y** **YMQ AC X** **YTO AC** **YXU 191.00**
352.00 END

FARE / TAXE **35.34**
FARE / TAXE **27.81 X B**

FORM OF PAYMENT / MODE DE PAIEMENT **AX377314800961001#01 95** **APP. CODE/COSE** **00002P**

CONTROL **014 3591828597 0**

CONTROL **43767005320**

nd be for the benefit of age
is used by carrier for carriage

check in case of damage
e if to carrier forthwith
id. Use of delay compensation
tariffs or conditions of carriage

except as otherwise provided
regulations. The fare for carriage
carrier may refuse transportation

and baggage with reasonable
id form no part of this contract
to may alter or omit stopovers
ect to change without notice

present exit entry and of
no time is fixed, entry and exit

r modify or waive any provisions

S. RULES OR REGULATIONS
Subject to Tariff Regulation





Instant Travel Inc.

INVOICE

ES PERSON: 17 ITINERARY/INVOICE NO. 0064293 DATE: 31 AUG 93
 CUSTOMER NBR: 011375 RVXREAL PAGE: 01

TO: ONTARIO HYDRO
 1075 WELLINGTON RD S
 LONDON ON N6E 1M1
 *****ATTN DEBBIE DINGWELL*****

THANK YOU FOR TRAVELING DE WITH
 INSTANT TRAVEL BUSINESS. WE MUST
 PRINT AIRLINES EACH WEEK FOR ALL
 TICKETS ISSUED. WE WILL APPRECIATE
 YOUR PROMPT PAYMENT FOR YOUR TICKETS.
 PLEASE REMIT FROM THIS INVOICE.

FOR: ZIEBART/P MR REF: 011375

16 SEP 93 - THURSDAY
 AIR AIR CANADA FLT:1360 ECONOMY BREAKFAST
 OPERATED BY AIR ONTARIO
 LV LONDON ONT 650A EQP: DASH 8 TPROP
 AR MONTREAL DORVAL 905A 1-STOP
 ZIEBART/P MR SEAT-2D
 AIR AIR CANADA FLT:8110 ECONOMY
 OPERATED BY AIR ALLIANCE
 LV MONTREAL DORVAL 940A EQP: DASH 8 TPROP
 AR QUEBEC 1024A NON-STOP
 ZIEBART/P MR SEAT-2D

SEP 93 - SUNDAY
 AIR AIR CANADA FLT:8103 ECONOMY
 OPERATED BY AIR ALLIANCE
 LV QUEBEC 830A EQP: DASH 8 TPROP
 AR MONTREAL DORVAL 919A NON-STOP
 ZIEBART/P MR SEAT-4C
 AIR AIR CANADA FLT:407 ECONOMY
 LV MONTREAL DORVAL 1000A EQP: DC-9 STRETCH
 AR TORONTO 1109A NON-STOP
 ZIEBART/P MR SEAT-19A
 AIR AIR CANADA FLT:1211 ECONOMY
 OPERATED BY AIR ONTARIO
 LV TORONTO 100P EQP: DASH 8 TPROP
 AR LONDON ONT 140P NON-STOP
 ZIEBART/P MR SEAT-2D

5458 6:23
692-0770

AIR TICKETS	AC3591828596/97	ZIEBART P MR	
		BILLED TO AX373314800861001	397.34*
		27.81 G.S.T.	27.81*

		SUB TOTAL	397.34
		TOTAL G.S.T.	27.81
		NET CC BILLING	425.15*

		TOTAL AMOUNT DUE	0.00





LOEWS
LE CONCORDE

1225, place Montcalm, Québec (Québec) G1R 4W6 CANADA
Tél.: (418) 647-2222 Fax: (418) 647-4710

ZIEBART, PETER
ONTARIO HYDRO
1075 WELLINGTON RD S
LONDON, ONT
N6E 1M1

ARRIVEE 9/16/93
DEPART 9/19/93
NBRE DANS CH 1
TAUX 125.00

N DE COMPTE 171234

N DE CHAMBRE 1110

#	DATE	DESCRIPTION			MONTANT
B-CHAMBRE/TAXE					
1	9/18/93	CHAMBRE	1110	53	\$125.00
2	9/18/93	TAXE SUR CHAMBRE	1110	54	\$14.10
3	9/18/93	SERV CHAMBRE/RM SERV	1110	1162	\$17.65

* Balance Due * \$156.75

COMPAGNIE

RUE

Si le client représente une compagnie, celui-ci sera tenu conjointement responsable jusqu'à l'acquittement complet

VILLE

PROV

CODE POSTAL

SIGNATURE



11