The Western Canada
Group of
Chartered Engineers

MINUTES OF 1992 ANNUAL GENERAL MEETING

DATE:       Friday 24th April 1992
TIME:       6.30 p.m.
PLACE:      The Engineers Club, Vancouver, B.C.

PRESENT:    Dr. K.D. Srivastava; Messrs. C. Moreira,
            W. Steven, J. Happer, A. Raja, T. Walwyn,
            R. Palmer, P.L. Li, P-F. Lee, G. Sanders,
            G. Muller, T. Hall, G. Vernon, M. Castle,
            R. Martin, D. Armstrong, A. Ganesan,
            T. Price, M. Lee, K. Campden, M. Favell,
            R. Carder, M. Drake, C. Marsh, W. Beckett,
            J. Bibby, J. Gordon, J. Lampa, J. Collings,
            E. Chue and J. Chapman.

Attendance by Institution was as follows:

<table>
<thead>
<tr>
<th>Institution</th>
<th>Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICE</td>
<td>9</td>
</tr>
<tr>
<td>IMechE</td>
<td>9</td>
</tr>
<tr>
<td>IEE</td>
<td>12</td>
</tr>
<tr>
<td>IMechE &amp; IEE</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>31</td>
</tr>
</tbody>
</table>

APOLOGIES FOR ABSENCE:  Ms A. Reading; Messrs. D. Holland,
                        J. Holland, C. Cook, P. Tilbury, R. Smith,
                        T. Pearce, D. McCann, H. Basi and P. Ebbehøj.

The Chairman, Mr R. Martin, welcomed members to the
fifth Annual General Meeting of the Group and called
the meeting to order at 6.35 p.m.

1. ADOPTION OF THE AGENDA

The agenda, as circulated with the notice of the
meeting, but modified to present the proposed amendment
to the constitution prior to the nomination and
election of the 1992/93 committee (see Appendix "F"),
was adopted, moved Mr Gordon, seconded Mr Drake and
carried.
2. APPROVAL OF THE MINUTES OF THE THIRD ANNUAL GENERAL MEETING OF THE GROUP

The minutes of the Annual General Meeting held 26th April 1991, as sent to all Group members at the beginning of the 1991/92 Session, were read by the Honorary Secretary and approved as written. Moved Mr Gordon, seconded Mr Bibby and carried.

3. MATTERS ARISING FROM THE MINUTES

There were no matters raised.

4. REPORTS OF THE GROUP OFFICERS

a) Mr Martin presented the Chairman's Report (see Appendix "A").

b) Mr P-L Li presented the Alberta Representative's Report (see Appendix B").

c) Mr Bibby presented the Technical Programme Report (see Appendix "C").

d) Mr Gordon presented the Honorary Treasurer's Report (see Appendix "D").

e) Mr Chapman presented the Honorary Secretary's Report (see Appendix "E").

5. ADOPTION OF THE REPORTS OF THE GROUP OFFICERS

The reports were adopted as presented, moved Mr Drake, seconded Mr Steven and carried.

6. MATTERS ARISING FROM THE REPORTS OF THE GROUP OFFICERS

Mr Marsh noted that the Group finances were in a very good position with a small surplus projected by the end of the financial year.

The acting Honorary Treasurer, Mr Gordon, responded to the effect that the Group had taken some prudent measures during the year which had resulted in reduced expenditure on printing of notices and newsletters and postage costs. This had been achieved by mailing Technical Program Notices to only those members who indicated positively that they wished to continue to receive such notices.

7. PROPOSAL OF THE AMENDMENT OF THE GROUP CONSTITUTION

The Chairman outlined the intent of the amendment to bring the operating year of the Group into line with that of the Institution of Mechanical Engineers, which is the Corresponding Institution for the Group. This would enable the Group to submit its budget to the Institution at a more appropriate time in the financial planning cycle.

8. DISCUSSION AND VOTE ON THE AMENDMENT OF THE GROUP CONSTITUTION

Mr Happer enquired whether there were any advantages, other than conforming to the Institution's financial year. The Chairman noted that the new arrangement would enable the AGM to take place in conjunction with the Group's Annual Dinner Dance, which has taken place in the early part of the year, in recent sessions. This would likely result in greater support for both functions.

Mr Happer also enquired if there would be any problem with the continuity of Officers. The Chairman said that, once the interim period of the next six months was passed, the normal change-over of duties would be resumed. Mr Bibby expressed the view that the new arrangements would provide an advantage in that the Committee elected at the beginning of the year would be immediately involved in the administration of the Technical Program, whereas, at present, there is a delay in activities due to the Summer recess.

Mr Gordon moved that the Amendments to the Group Constitution (See Appendix "M"), as circulated to all Group members, be adopted, seconded by Mr Marsh and carried unanimously.

9. NOMINATIONS FOR THE 1992/93 GROUP COMMITTEE

The Chairman explained that, in view of the change to the calendar operating year for the Group, now approved by this meeting, it was proposed that those members shown on the 1992/93 Nomination List (See Appendix "G"), as circulated to all Group members, would continue to serve for the 1991 session, which would now end on 31st December 1993. Since there were no major changes in the executive, it was proposed that Mr Bibby would assume duty as Chairman effective 1st January '93 and Mr Martin would continue in the role of Chairman for the balance of 1992. Mr Drake proposed that this
2. APPROVAL OF THE MINUTES OF THE THIRD ANNUAL GENERAL MEETING OF THE GROUP

The minutes of the Annual General Meeting held 26th April 1991, as sent to all group members at the beginning of the 1991/92 Session, were read by the Honorary Secretary and approved as written, moved Mr Gordon, seconded Mr Bibby and carried.

3. MATTERS ARISING FROM THE MINUTES

There were no matters raised.

4. REPORTS OF THE GROUP OFFICERS

a) Mr Martin presented the Chairman's Report (see Appendix "A").

b) Mr P-L Li presented the Alberta Representative's Report (see Appendix B").

c) Mr Bibby presented the Technical Programme Report (see Appendix "C").

d) Mr Gordon presented the Honorary Treasurer's Report (see Appendix "D").

e) Mr Chapman presented the Honorary Secretary's Report (see Appendix "E").

5. ADOPTION OF THE REPORTS OF THE GROUP OFFICERS

The reports were adopted as presented, moved Mr Drake, seconded Mr Steven and carried.

6. MATTERS ARISING FROM THE REPORTS OF THE GROUP OFFICERS

Mr Marsh noted that the Group finances were in a very good position with a small surplus projected by the end of the financial year.

The acting Honorary Treasurer, Mr Gordon, responded to the effect that the Group had taken some prudent measures during the year which had resulted in reduced expenditure on printing of notices and newsletters and postage costs. This had been achieved by mailing Technical Program Notices to only those members who indicated positively that they wished to continue to receive such notices.

7. PROPOSAL OF THE AMENDMENT OF THE GROUP CONSTITUTION

The Chairman outlined the intent of the amendment to bring the operating year of the Group into line with that of the Institution of Mechanical Engineers, which is the Corresponding Institution for the Group. This would enable the Group to submit its budget to the Institution at a more appropriate time in the financial planning cycle.

8. DISCUSSION AND VOTE ON THE AMENDMENT OF THE GROUP CONSTITUTION

Mr Happer enquired whether there were any advantages, other than conforming to the Institution's financial year. The Chairman noted that the new arrangement would enable the AGM to take place in conjunction with the Group's Annual Dinner Dance, which has taken place in the early part of the year, in recent sessions. This would likely result in greater support for both functions.

Mr Happer also enquired if there would be any problem with the continuity of Officers. The Chairman said that, once the interim period of the next six months was passed, the normal change-over of duties would be resumed. Mr Bibby expressed the view that the new arrangements would provide an advantage in that the committee elected at the beginning of the year would be immediately involved in the administration of the Technical Program, whereas, at present, there is a delay in activities due to the Summer recess.

Mr Gordon moved that the Amendments to the Group Constitution (See Appendix "M"), as circulated to all Group members, be adopted, seconded by Mr Marsh and carried unanimously.

9. NOMINATIONS FOR THE 1992/93 GROUP COMMITTEE

The Chairman explained that, in view of the change to the calendar operating year for the Group, now approved by this meeting, it was proposed that those members shown on the 1992/93 Nomination List (See Appendix "G"), as circulated to all Group members, would continue to serve for the 1991 session, which would now end on 31st December 1993. Since there were major changes in the executive, it was proposed that Mr Bibby would assume duty as Chairman effective 1st January '93 and Mr Martin would continue in the role of Chairman for the balance of 1992. Mr Drake proposed that this
The Chairman noted that vacancies remained for Ordinary Members on the Committee and called for nominations from the floor.

Mr Chapman proposed Mr C. Harsh of the IEE.
Mr Drake proposed Mr M. Castle of the ICE.

There were no further nominations.

10. ELECTION OF THE 1992/93 GROUP COMMITTEE

The members shown in the list of nominations, together with the additions noted above, were elected to the 1992/93 Group Committee, moved Mr Steven, seconded Mr Carder and carried unanimously.

It was subsequently noted that Mr S. Ridley (ICE Corresponding Member) should be included as an Ex-Officio member of the Committee.

11. APPOINTMENT OF 1993 AUDIT BOARD

The following members offered to serve on the 1992/93 Audit Board:

Mr R. Palmer - ICE
Mr D. Drake - IMechE
Mr A. Ganesan - IEE

12. ANY OTHER BUSINESS

Mr Steven asked that the minutes record an appreciation of the work which the retiring Honorary Secretary has carried-out for the past five years. This received the support of the assembled members and was acknowledged with gratitude.

13. ADJOURNMENT

In the absence of any further business, Mr Hall moved adjournment. The meeting closed at 7.36 p.m.

John Chapman
Honorary Secretary

Chairman's Report 1991-1992

The year has passed rapidly and eventfully. It has been a year of change. Not only the dramatic change in the government of British Columbia but the changes within the executive of the Western Canada Group of Chartered Engineers.

When we set up the executive in April of 1991 I was elected as Chairman, Ann Reading and Stan Ridley were Vice Chairmen, John Chapman as Honorary Secretary, and Michael Chan as Treasurer. Stan Ridley's job moved him to Vancouver Island, so he found he could not attend the meetings on a regular basis and he resigned; Anne Reading tendered her resignation in the latter part of the year, as did Michael Chan. John Chapman is standing down as Secretary having put in 5 years of dedicated service to the Group. To complicate this process I was absent for more meetings than I attended.

Being in Australia for 2 months I thought it was a rather long commute, fortunately our Vice Chairmen and our stalwart Jack Bibby filled the breach most ably.

Jack Bibby our Program Chairman had also arranged a number of successful site visits and technical meetings. These included visits to the new open Cassiar Connector, the Ocean Sciences in Sidney and the Canadian maintenance facility at the airport. Our annual dinner dance in January was not quite as well attended as the year before but everyone enjoyed the music of Dal Richards. If you like ballroom type dancing you should have been there.

Overall it has been a good year in spite of the variety of challenges we have had, and I thank the many members of the committee who helped out when required, with a special vote of thanks to John Chapman our Honorary Secretary for his many years of dedicated service to the Western Canada Group of Chartered Engineers.

At this annual meeting we will be proposing to change the group year to a calendar year starting in January 1993. Because I missed so many meetings this past year it has been suggested I'd better continue on as Chairman for the balance of this year, with a new slate of officers including some who have stepped into the breach with the resignation of those noted above. If this meets the wishes of the those attending the AGM we will continue until December of 1992.

Chairman, Western Canada Group of Chartered Engineers
arrangement be accepted, seconded Mr Raja and carried unanimously.

The Chairman noted that vacancies remained for Ordinary Members on the Committee and called for nominations from the floor.

Mr Chapman proposed Mr C. Marsh of the IEE.
Mr Drake proposed Mr M. Castle of the ICE.

There were no further nominations.

10. ELECTION OF THE 1992/93 GROUP COMMITTEE
The members shown in the list of nominations, together with the additions noted above, were elected to the 1992/93 Group Committee, moved Mr Steven, seconded Mr Carder and carried unanimously.

It was subsequently noted that Mr S. Ridley (ICE Corresponding Member) should be included as an Ex-Officio member of the Committee.

11. APPOINTMENT OF 1993 AUDIT BOARD
The following members offered to serve on the 1992/93 Audit Board:

Mr R. Palmer - ICE
Mr D. Drake - IMechE
Mr A. Ganesan - IEE

12. ANY OTHER BUSINESS
Mr Steven asked that the minutes record an appreciation of the work which the retiring Honorary Secretary has carried-out for the past five years. This received the support of the assembled members and was acknowledged with gratitude.

13. ADJOURNMENT
In the absence of any further business, Mr Hall moved adjournment. The meeting closed at 7.36 p.m.

John Chapman
Honorary Secretary

Chairman's Report 1991-1992

The year has passed rapidly and eventfully. It has been a year of change. Not only the dramatic change in the government of British Columbia but the changes within the executive of the Western Canada Group of Chartered Engineers.

When we met up the executive in April of 1991 I was elected as Chairman, Ann Reading and Stan Ridley were Vice Chairmen, John Chapman as Honorary Secretary, and Michael Chan as Treasurer. Stan Ridley's job moved him to Vancouver Island, so he found he could not attend the meetings on a regular basis and he resigned; Ann Reading tendered her resignation in the latter part of the year, as did Michael Chan. John Chapman is standing down as Secretary having put in 5 years of dedicated service to the Group. To complicate this process I was absent for more meetings than I attended. Being in Australia for 2 months I thought it was a rather long commute, fortunately our Vice Chairmen and our stalwart Jack Bibby filled the breach most ably.

Jack Bibby our Program Chairman had also arranged a number of successful site visits and technical meetings. These included visits to the new open Cassiar Connector, the Ocean Sciences in Sidney and the Canadian marine facility at the airport. Our annual dinner dance in January was not quite as well attended as the year before but everyone enjoyed the music of Dal Richards. If you like ballroom type dancing you should have been there.

Overall it has been a good year in spite of the variety of challenges we have had, and I thank the many members of the committee who helped out when required, with a special vote of thanks to John Chapman our Honorary Secretary for his many years of dedicated service to the Western Canada Group of Chartered Engineers.

At this annual meeting we will be proposing to change the group year to a calendar year starting in January 1993. Because I missed so many meetings this past year it has been suggested I'd better continue on as Chairman for the balance of this year, with a new slate of officers including some who have stepped into the breach with the resignation of those noted above. If this meets the wishes of the those attending the AGM we will continue until December of 1992.

Chairman, Western Canada Group of Chartered Engineers
Western Canada Joint Group of Chartered Engineers
Calgary Chapter


Fellow Members and Gentlemen:-

It is my pleasure to submit this annual report for the year 1991 to the membership. I wish to express my thanks and appreciation to the Executive Committee for their support during this challenging and formative year. The Executive Committee continues to meet regularly in the Danish Canadian Club to plan for programme and activities of the Calgary Chapter; and also pursue matters pertaining to the Institutions headquarters in London, England and Joint Group headquarters in Vancouver, B.C.

In April 1991 Mr. Alistair Limpitlaw represented me at the Annual General Meeting in Vancouver and maintained a close liaison with the Joint Group headquarters.

With regards to the activities in Calgary in the year 1991; we have had a more successful year in the family and social gatherings such as the "Fish and Chips" dinner evening held on May 31, 1991 at the Silver Springs Golf & Country Club; and the "Pot Luck" dinner and family get together at Mr. Bob Owen's ranch on September 21, 1991. Those two events were very well attended by members and their family.

We had a successful technical visit to the Bonny Brook Sewage Treatment Plant to see their new extension and their state of the art design of the process. However, we have been less successful in other technical visits. Arrangements were made to visit the Gulf Strachan Gas Plant, Old Man River Dam, Calgary Petroleum Laboratory and the Bearspaw Water Treatment Plant but the events had to be cancelled due to lack of support. It is in this area we must find new strategy to determine members' interests and also plan the dates carefully to not conflict with long weekend, summer holidays and hockey games etc...

The highlight of the Calgary Chapter of this year 1991 was the official visit of President David Lazenby and Secretary Derek Clark of the Institution of Structural Engineers of London, England. A luncheon meeting was held by the Calgary Joint Group in his honour which afforded an opportunity for President Lazenby to meet with the Executive Committee of the Calgary Chapter of the Joint Group and also members of the Institution of Structural Engineers in Calgary. During the luncheon President Lazenby expressed his approval for members of the Institution of Structural Engineers to participate in the Joint Group activities and expressed his wish that the Institution of Structural Engineers will eventually be accepted as an operative body of the Western Canada Joint Group of Chartered Engineers.

A formal application was made by myself to the Joint Group headquarters in Vancouver. In their committee meeting held in September 1991, the Joint Group passed a resolution to accept other members of the U.K. Chartered Engineering Institutions including the Structural and the Chemical Engineers on payment of $20 per person for mailing cost. Negotiations are still going on in London, England for the formal incorporation of the Institution of Structural Engineers into one of the operative bodies of the Western Canada Joint Group of Chartered Engineers.
We had a successful technical visit to the Bonny Brook Sewage Treatment Plant to see their new extension and their state of the art design of the process. However, we have been less successful in other technical visits. Arrangements were made to visit the Gulf Strachan Gas Plant, Old Man River Dam, Calgary Petroleum Laboratory and the Bearspaw Water Treatment Plant but the events had to be cancelled due to lack of support. It is in this area we must find new strategy to determine members' interests and also plan the dates carefully not to conflict with long weekend, summer holidays and hockey games etc.

The highlight of the Calgary Chapter of this year 1991 was the official visit of President David Lazenby and Secretary Derek Clark of the Institution of Structural Engineers of London, England. A luncheon meeting was held by the Calgary Joint Group in his honour which afforded an opportunity for President Lazenby to meet with the Executive Committee of the Calgary Chapter of the Joint Group and also members of the Institution of Structural Engineers in Calgary. During the luncheon, President Lazenby expressed his approval for members of the Institution of Structural Engineers to participate in the Joint Group activities and expressed his wish that the Institution of Structural Engineers will eventually be accepted as an operative body of the Western Canada Joint Group of Chartered Engineers.

A formal application was made by myself to the Joint Group headquarters in Vancouver. In their committee meeting held in September 1991, the Joint Group passed a resolution to accept other members of the U.K. Chartered Engineering Institutions including the Structural and the Chemical Engineers on payment of $20 per person for mailing cost. Negotiations are still going on in London, England for the formal incorporation of the Institution of Structural Engineers into one of the operative bodies of the Western Canada Joint Group of Chartered Engineers.

Fellow Members and Gentlemen:-

It is my pleasure to submit this annual report for the year 1991 to the membership. I wish to express my thanks and appreciation to the Executive Committee for their support during this challenging and formative year. The Executive Committee continues to meet regularly in the Danish Canadian Club to plan for programme and activities of the Calgary Chapter; and also to pursue matters pertaining to the Institutions headquarters in London, England and Joint Group headquarters in Vancouver, B.C. In April 1991 Mr. Alistair Limpitlaw represented me at the Annual General Meeting in Vancouver and maintained a close liaison with the Joint Group headquarters.

With regards to the activities in Calgary in the year 1991; we have had a more successful year in the family and social gatherings such as the "Fish and Chips" dinner evening held on May 31, 1991 at the Silver Springs Golf & Country Club; and the "Pot luck dinner and family get together at Mr. Bob Owen's ranch on September 21, 1991. Those two events were very well attended by members and their family.
On August 18, 1991, a formal meeting was held between President Lazenby, Secretary Clark and President Noel Cleland of APEGGA and First Vice President Barry Lester of APEGGA. President Lazenby brought up the subject of Chartered Engineers of U.K. Institutions for registration as Professional Engineers in the Province of Alberta; increasing global mobility of the engineering workforce; and the need of recognition of qualifications from countries other than one's own. President Lazenby particularly pointed out the Washington Accord signed in 1980 by six member countries namely the United States of America, Canada, United Kingdom, Australia, New Zealand and the Republic of Ireland for the mutual recognition of engineering qualifications. President Lazenby also pointed out that the U.K. Chartered Engineer qualification is automatically accepted as Euro Engineer status and will be allowed to practice in all twelve countries in the European Economic Community. President Cleland expressed his opinion that even though Canada has accepted the Washington Accord in principle, it is still subject to the findings of the Canadian Commission of Universities Accreditation 1992.

Follow up meetings were held between myself and President Noel Cleland and Mr. Barry Lester, First Vice President and Incoming President of APEGGA. On December 18, 1991 a formal submission was submitted to APEGGA by Professor Nigel Shrive, Head of the Civil Engineering Department, University of Calgary, and myself. We feel that a better understanding has been reached and we hope that in due course this problem will be satisfactorily resolved.

A very successful Annual Dinner was held on January 25, 1992 in the Danish Canadian Club and was very well attended by fifty-six members and their ladies. Mr. Lazenby, Second Vice President of APEGGA and Mrs. Lazenby were our invited guests. And members of the Institution of Structural Engineers and the Institution of Chemical Engineers attended for the first time.

We have established a more permanent address by taking out a Post Office Box and our mailing address will be:-
P.O.Box 22136,
Bankers Hall,
Calgary, Alberta, CANADA.
T2P 4J5

During the year 1991, four applications have been received for memberships in the Institution of Mechanical Engineers and four Professional Interview have been conducted by senior members of the Mechnicals in Calgary. One application has been received for membership in the Institution of Electrical Engineers and Professional Interview will be conducted in due time.

For 1991, the prize established by Calgary Chapter of the Joint Group for an undergraduate engineering student in the University of Calgary will be awarded to Miss. Mary Antony, a second year engineering student, in a ceremony on April 3, 1992.

February 27, 1992.

Respectfully submitted,

P.L. Li
Chairman
On August 18, 1991, a formal meeting was held between President Lazenby, Secretary Clark and President Noel Cleland of APEGGA and First Vice President Barry Lester of APEGGA. President Lazenby brought up the subject of Chartered Engineers of U.K. Institutions for registration as Professional Engineers in the Province of Alberta; increasing global mobility of the engineering workforce; and the need for recognition of qualifications from countries other than one's own. President Lazenby particularly pointed out the Washington Accord signed in 1980 by six member countries namely the United States of America, Canada, United Kingdom, Australia, New Zealand and the Republic of Ireland for the mutual recognition of engineering qualifications. President Lazenby also pointed out that the U.K. Chartered Engineer qualification is automatically accepted as Euro Engineer status and will be allowed to practice in all twelve countries in the European Economic Community. President Cleland expressed his opinion that even though Canada has accepted the Washington Accord in principle, it is still subject to the findings of the Canadian Commission of Universities Accreditation 1992.

Follow up meetings were held between myself and President Noel Cleland and Mr. Barry Lester, First Vice President and Incoming President of APEGGA. On December 18, 1991 a formal submission was submitted to APEGGA by Professor Nigel Shrieve, Head of the Civil Engineering Department, University of Calgary, and myself. We feel that a better understanding has been reached and we hope that in due course this problem will be satisfactorily resolved.

A very successful Annual Dinner was held on January 25, 1992 in the Danish Canadian Club and was very well attended by fifty-six members and their ladies. Mr. Lazenby, Second Vice President of APEGGA and Mrs. Lazenby were our invited guests. And members of the Institution of Structural Engineers and the Institution of Chemical Engineers attended for the first time.

We have established a more permanent address by taking out a Post Office Box and our mailing address will be:-
P.O.Box 22136,
Bankers Hall,
Calgary, Alberta, CANADA.
T2P 4J5

During the year 1991, four applications have been received for memberships in the Institution of Mechanical Engineers and four Professional Interview have been conducted by senior members of the Mechanicals in Calgary. One application has been received for membership in the Institution of Electrical Engineers and Professional Interview will be conducted in due time.

For 1991, the prize established by Calgary Chapter of the Joint Group for an undergraduate engineering student in the University of Calgary will be awarded to Miss. Mary Antony, a second year engineering student, in a ceremony on April 3, 1992.

February 27, 1992.

Respectfully submitted,

P. L. Li

Chairman
The Western Canada Group of Chartered Engineers

Report on Technical Program

1991/1992

Statistics show that we have had an increased attendance at our technical programs of between 15-20% this session over last. This is very gratifying to the Group. We have had five items of the program this year so far. One visit, as our Chairman reported, was so popular that it required a second date. There is still one visit scheduled for the 8th of May to the Boeing Factory in Everett, Washington.

27 September 1991

Weekend in Victoria. A visit to the Ocean Sciences Research Institute enabled us to view the Pisces Submarine as well as hear a slide presentation on the work of the institute. The submarine is to be sold and will not be available for research on the West Coast. We were fortunate to have Mr. Alan Witcome, the pilot, as guide and lecturer. The following day we visited the new Ship Repair Unit in Esquimalt Harbour which is the new Nato Workshop. There are a number of them around the world designed specifically to service the Nato Fleet. There was a social function on Friday evening to give us the opportunity to meet our Victoria colleagues.

23 October 1991

Federal Government Standards Branch - Speaker: Diane Thompson. The subject was "Investing our Future in Standards". A good number of members attended and considerable interest was expressed in that particular program relating to the need to establish standards in a number of engineering fields.

13 November 1991

A talk by Wartsila Diesel was arranged at short notice when it became clear that the planned video film of the Lions Gate Bridge construction work was unavailable. The meeting was well attended and the five speakers (one from the factory in Finland) outlined the company's development of the gas-fuelled diesel engine and the efforts to control emissions. Details were also provided of a recently completed gas-fired cogeneration plant which supplies power to a New England utility while providing steam heating for a 10 acre tomato producing greenhouse.

11 December 1991

Cesslar Connector. We were the last group to view the Connector two or three days before it was commissioned for use. It was fascinating to be able to go to a facility which generated new thought, design and concepts. The staff were very enthusiastic about what they were doing. Over 58 people participated in the visit. This number is very high considering this was our second tour of the Connector. George Dean (C), who is one of our members responsible for work on site, took us through and gave a very impressive presentation.

20 January 1992

Annual Dinner and Dance. This is not part of the technical program but next year it may be because it will be the same day as our Annual General Meeting.

12 February 1992

Visit to Canadian Airlines International - Operations Centre to see the rebuilding of a DC10. We were told there are over 6 million parts to the DC10. It seemed as if our guide knew every one of them personally, by name and number. He was a most energetic guide.

11 March 1992

Earthquake Presentation. Unfortunately most of our original presentation panel were unable to attend. We were extremely fortunate that Stan Ridley (C), one of our members and a previous Vice Chairman, took it in his stride and made a presentation before an audience of over 50 people. We do intend to expand the presentation with the original people next fall and will carry on from where the earthquake
The Western Canada Group of Chartered Engineers

Report on Technical Program

1991/1992

Statistics show that we have had an increased attendance at our technical programs of between 15-20% this session over last. This is very gratifying to the Group. We have had five items of the program this year so far. One visit, as our Chairman reported, was so popular that it required a second date. There is still one visit scheduled for the 8th of May to the Boeing Factory in Everett, Washington.

27 September 1991

Weekend in Victoria. A visit to the Ocean Sciences Research Institute enabled us to view the Pisces Submarine as well as hear a slide presentation on the work of the Institute. The submarine is to be sold and will not be available for research on the West Coast. We were fortunate to have Mr. Alan Wilcome, the pilot, as guide and lecturer. The following day we visited the new Ship Repair Unit in Esquimalt Harbour which is the new Nato Workshop. There are a number of them around the world designed specifically to service the Nato Fleet. There was a social function on Friday evening to give us the opportunity to meet our Victoria colleagues.

23 October 1991

Federal Government Standards Branch - Speaker: Diane Thompson. The subject was "Investing our Future in Standards". A good number of members attended and considerable interest was expressed in that particular program relating to the need to establish standards in a number of engineering fields.

13 November 1991

A talk by Wartsila Diesel was arranged at short notice when it became clear that the planned video film of the Lions Gate Bridge construction work was unavailable. The meeting was well attended and the five speakers (one from the factory in Finland) outlined the company's development of the gas-fuelled diesel engine and the efforts to control emissions. Details were also provided of a recently completed gas-fired cogeneration plant which supplies power to a New England utility while providing steam heating for a 10 acre tomato producing greenhouse.

11 December 1991

Cesslar Connector. We were the last group to view the Connector two or three days before it was commissioned for use. It was fascinating to be able to go to a facility which generated new thought, design and concepts. The staff were very enthusiastic about what they were doing. Over 58 people participated in the visit. This number is very high considering this was our second tour of the Connector. George Dean (C), who is one of our members responsible for work on site, took us through and gave a very impressive presentation.

20 January 1992

Annual Dinner and Dance. This is not part of the technical program but next year it may be because it will be the same day as our Annual General Meeting.

12 February 1992

Visit to Canadian Airlines International - Operations Centre to see the rebuilding of a DC10. We were told there are over 6 million parts to the DC10. It seemed as if our guide knew every one of them, personally, by name and number. He was a most energetic guide.

11 March 1992

Earthquake Presentation. Unfortunately most of our original presentation panel were unable to attend. We were extremely fortunate that Stan Ridley (C), one of our members and a previous Vice Chairman, took it in his stride and made a presentation before an audience of over 50 people. We do intend to expand the presentation with the original people next fall and will carry on from where the earthquake
The following two visits took place after the Annual General Meeting.

8 May 1992
Visit to the Boeing Plant in Everett, Washington. Arrangements had been made by Chris Cook (E) to visit the assembly plant. The visit began with a presentation by the Project Manager, Lewis Zink followed by a tour of the assembly lines of the 767, and 747. A social function was arranged in the evening giving us an opportunity to visit our Washington colleagues.

13 May 1992
Canadian Airlines International - Operations Centre was a repeat visit to accommodate all who expressed interest but were not able to attend the first visit because of limitation on numbers attending. This was well attended.

This Group is a very helpful one. Whenever someone calls for help there is someone who is there to offer assistance. I have been very grateful to John Chapman (M&E) who has taken on many responsibilities and organized functions. Bob Martin (M) has been very helpful in developing a programme. Tom Stamp made most of the arrangements for the trip to Victoria. Douglas Godfray (C) arranged our trip to the Cassiar Connector and of course on top of that, Bill Stevens (M), who was my mentor and the predecessor who trained me.

I am very happy to tell you that we have a new enthusiast. After three years of doing this job I am beginning to run out of ideas. John Holland (C) has agreed that he will arrange some of the program and we are trying to get other people involved. We would be happy to discuss any new ideas and hope that you will share them with us.

Jack D. Bibby
Technical Program
Sub-Committee

The Western Canada Group of Chartered Engineers

TREASURER’S REPORT 1992

The Office of the Treasurer in our organization has not escaped the pressures of the present economic times, in bringing about the resignation of the Treasurer Michael Chan, who found the demands of his occupation as a Realtor and developer did not permit enough time to deal adequately with the day-to-day tasks associated with the office of Honorary Treasurer and we trust we shall see him at our meetings as often as his heavy schedule permits.

The 1991/92 budget of $17,000.00 was forwarded to London last year and we have received an advance of $2,500.00 pending the submission of Audited Financial Statements. To comply with London’s request, the accounts for 1990 & 1991 were prepared and presented to an Audit Board of M.Castle (Civil) M.Drake (Mech.) and C.Marsh (Elect.), who examined the accounts and supporting documentation, found them satisfactory and signed Audited Financial Statements, which will be forwarded to London Headquarters and we trust will release further funding.

The present financial position for the main branch is a bank balance on April 24, 1992 of $2,180.26 with projected expenditures of $1,820.00 which should leave a balance of approximately $360.00 at the end of our financial year on June 30, 1992.

Finally, I would like to extend thanks on behalf of the Group to the Board of Audit particularly Mike Castle and his wife for hosting the evening. It is difficult enough to arrange a social gathering between people these days nevermind an evening of “hard labour”. We are indeed fortunate to have such people within our group. Also to our newly nominated honourary Treasurer, Arul Raja (Elect.) our sincere thanks well knowing he will apply himself with the same strength and diligence he has shown as a committee member.

Respectfully Submitted,

Jim C. Gordon (Mech.)
Acting Treasurer
The following two visits took place after the Annual General Meeting.

8 May 1992
Visit to the Boeing Plant in Everett, Washington. Arrangements had been made by Chris Cook (E) to visit the assembly plant. The visit began with a presentation by the Project Manager, Lewis Zink followed by a tour of the assembly lines of the 767, and 747. A social function was arranged in the evening giving us an opportunity to visit our Washington colleagues.

13 May 1992
Canadian Airlines International - Operations Centre was a repeat visit to accommodate all who expressed interest but were not able to attend the first visit because of limitation on numbers attending. This was well attended.

This Group is a very helpful one. Whenever someone calls for help there is someone who is there to offer assistance. I have been very grateful to John Chapman (M&E) who has taken on many responsibilities and organized functions. Bob Martin (M) has been very helpful in developing a programme. Tom Stamp made most of the arrangements for the trip to Victoria. Douglas Godfrey (C) arranged our trip to the Cassiar Connector and of course on top of that, Bill Stevens (M), who was my mentor and the predecessor who trained me.

I am very happy to tell you that we have a new enthusiast. After three years of doing this job I am beginning to run out of ideas. John Holland (C) has agreed that he will arrange some of the program and we are trying to get other people involved. We would be happy to discuss any new ideas and hope that you will share them with us.

Jack D. Bibby
Technical Program
Sub-Committee

The Western Canada
Group of
Chartered Engineers

Appendix "D"

TREASURER'S REPORT 1992

The Office of the Treasurer in our organization has not escaped the pressures of the present economic times, in bringing about the resignation of the Treasurer Michael Chan, who found the demands of his occupation as a Realtor and developer did not permit enough time to deal adequately with the day-to-day tasks associated with the office of Honorary Treasurer and we trust we shall see him at our meetings as often as his heavy schedule permits.

The 1991/92 budget of $ 17,000.00 was forwarded to London last year and we have received an advance of $2,500.00 pending the submission of Audited Financial Statements. To comply with London's request, the accounts for 1990 & 1991 were prepared and presented to an Audit Board of M. Castle (Civil), M. Drake (Mech.) and C. Marsh (Elect.), who examined the accounts and supporting documentation, found them satisfactory and signed Audited Financial Statements, which will be forwarded to London Headquarters and we trust will release further funding.

The present financial position for the main branch is a bank balance on April 24, 1992 of $2,180.26 with projected expenditures of $1,820.00 which should leave a balance of approximately $360.00 at the end of our financial year on June 30, 1992.

Finally, I would like to extend thanks on behalf of the Group to the Board of Audit particularly Mike Castle and his wife Jane for hosting the evening. It is difficult enough to arrange a social gathering between people these days never mind an evening of "hard labour". We are indeed fortunate to have such people within our group. Also to our newly nominated honorary Treasurer, Arul Raja (Elect.) our sincere thanks well knowing he will apply himself with the same strength and diligence he has shown as a committee member.

Respectfully Submitted,

Jim C. Gordon (Mech.)
Acting Treasurer
Appendix "E"

The Western Canada Group of Chartered Engineers

Honorary Secretary's Report 1991/92.

The following is the recorded membership of the Group, as taken from the current mailing list (1990/91 figures in brackets):

<table>
<thead>
<tr>
<th>Region</th>
<th>ICE</th>
<th>IMechE</th>
<th>IEE</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.C. Lower Mainland</td>
<td>249</td>
<td>141</td>
<td>183</td>
<td>573</td>
</tr>
<tr>
<td>Remainder of B.C.</td>
<td>100</td>
<td>59</td>
<td>58</td>
<td>217</td>
</tr>
<tr>
<td></td>
<td>349(345)</td>
<td>200(164)</td>
<td>241(225)</td>
<td>790</td>
</tr>
<tr>
<td>Calgary</td>
<td>82</td>
<td>100</td>
<td>81</td>
<td>263</td>
</tr>
<tr>
<td>Remainder of Alberta</td>
<td>82</td>
<td>72</td>
<td>65</td>
<td>219</td>
</tr>
<tr>
<td></td>
<td>164(175)</td>
<td>172(151)</td>
<td>146(118)</td>
<td>482</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>11(13)</td>
<td>10(11)</td>
<td>11(12)</td>
<td>32</td>
</tr>
<tr>
<td>Yukon Territory</td>
<td>1(1)</td>
<td>0(0)</td>
<td>0(0)</td>
<td>1</td>
</tr>
<tr>
<td>Northwest Territories</td>
<td>2(3)</td>
<td>1(1)</td>
<td>0(0)</td>
<td>3</td>
</tr>
<tr>
<td>Washington State</td>
<td>11(16)</td>
<td>40(41)</td>
<td>7(9)</td>
<td>58</td>
</tr>
<tr>
<td>State of Alaska</td>
<td>2(3)</td>
<td>0(0)</td>
<td>0(0)</td>
<td>2</td>
</tr>
</tbody>
</table>

540(551) | 423(364) | 405(381) | 1368 | (1296)

The above figures include members with dual Institution memberships, three belonging to both the ICE and IMechE and ten belonging to the IMechE and IEE. The latter reflects the amalgamation of the Institution of Manufacturing Engineers (formerly the IPredE) with the IEE on 1st October 1991. Although we were notified of sixty-five former IMFeE members living in Western Canada, it is apparent that, despite a welcoming letter from the Group, very few retained their membership following the amalgamation. This may reflect the significant subscription increase which these members experienced on becoming IEE members.

Two UK resident engineers, one mechanical and one electrical, requested information on job opportunities in Western Canada during the session. Both were advised of the difficult times likely to be faced by new immigrants to BC. They were also given some information on the requirements for registration in the Province, a matter which remains poorly understood by the Institutions in the UK despite discussions during the quite frequent visits to Canada by our Presidents and Secretaries.

I am pleased to say that one of the gentlemen with whom I corresponded is with us tonight. Please welcome Mr Keith Campden MIEE. And whilst mentioning Presidents and Secretaries, please make a note in your diary that we look forward to an IMechE Presidential visit on 29/30 March 1993.

Last June, the Commander S.M. Terry Award was presented on behalf of the Institution of Mechanical Engineers to Mr David Chow, an outstanding student in the Mechanical Technology at the British Columbia Institute of Technology.

In closing, I would like to say how much that I have enjoyed my five years as your Honorary Secretary! It is gratifying to have seen the development of the Group from the original IMechE Western Canada Branch into the present local integration of the memberships of the three major UK engineering institutions. This surely provides an example of the type of co-operation to which our parent Institutions in the UK have aspired during the past two decades but which has yet to be achieved.

My nominated successor, Ian Price, of the IEE, has already demonstrated his enthusiasm and will, I am sure, bring many fresh ideas to the Group and its organization. Good luck, Ian!

[Signature]

John Chapman
Hon. Secretary
The Western Canada Group of Chartered Engineers

Honorary Secretary's Report 1991/92.

The following is the recorded membership of the Group, as taken from the current mailing list (1990/91 figures in brackets):

<table>
<thead>
<tr>
<th></th>
<th>ICE</th>
<th>IMechE</th>
<th>IEE</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.C. Lower Mainland</td>
<td>249</td>
<td>141</td>
<td>183</td>
<td>573</td>
</tr>
<tr>
<td>Remainder of B.C.</td>
<td>100</td>
<td>59</td>
<td>58</td>
<td>217</td>
</tr>
<tr>
<td></td>
<td>349 (345)</td>
<td>200(164)</td>
<td>241(225)</td>
<td>790</td>
</tr>
<tr>
<td>Calgary</td>
<td>82</td>
<td>100</td>
<td>81</td>
<td>263</td>
</tr>
<tr>
<td>Remainder of Alberta</td>
<td>82</td>
<td>72</td>
<td>65</td>
<td>219</td>
</tr>
<tr>
<td></td>
<td>164 (175)</td>
<td>172(151)</td>
<td>146(118)</td>
<td>482</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>11(13)</td>
<td>10(11)</td>
<td>11(12)</td>
<td>32</td>
</tr>
<tr>
<td>Yukon Territory</td>
<td>1(1)</td>
<td>0(0)</td>
<td>0(0)</td>
<td>1</td>
</tr>
<tr>
<td>Northwest Territories</td>
<td>2(3)</td>
<td>1(1)</td>
<td>0(0)</td>
<td>3</td>
</tr>
<tr>
<td>Washington State</td>
<td>11(16)</td>
<td>40(41)</td>
<td>7(9)</td>
<td>58</td>
</tr>
<tr>
<td>State of Alaska</td>
<td>2(3)</td>
<td>0(0)</td>
<td>0(0)</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>540 (551)</td>
<td>423(364)</td>
<td>405(381)</td>
<td>1368</td>
</tr>
</tbody>
</table>

The above figures include members with dual Institution memberships, three belonging to both the ICE and IMechE and ten belonging to the IMechE and IEE. The latter reflects the amalgamation of the Institution of Manufacturing Engineers (formerly the IProdE) with the IEE on 1st October 1991. Although we were notified of sixty-five former IMife members living in Western Canada, it is apparent that, despite a welcoming letter from the Group, very few retained their membership following the amalgamation. This may reflect the significant subscription increase which these members experienced on becoming IEE members.

Two UK resident engineers, one mechanical and one electrical, requested information on job opportunities in Western Canada during the session. Both were advised of the difficult times likely to be faced by new immigrants to BC. They were also given some information on the requirements for registration in the Province, a matter which remains poorly understood by the Institutions in the UK despite discussions during the quite frequent visits to Canada by our Presidents and Secretaries.

I am pleased to say that one of the gentlemen with whom I corresponded is with us tonight. Please welcome Mr Keith Campden MIEE. And whilst mentioning Presidents and Secretaries, please make a note in your diary that we look forward to an IMechE Presidential visit on 29/30 March 1993.

Last June, the Commander S.M. Terry Award was presented on behalf of the Institution of Mechanical Engineers to Mr David Chow, an outstanding student in the Mechanical Technology at the British Columbia Institute of Technology.

In closing, I would like to say how much that I have enjoyed my five years as your Honorary Secretary! It is gratifying to have seen the development of the Group from the original IMechE Western Canada Branch into the present local integration of the memberships of the three major UK engineering institutions. This surely provides an example of the type of co-operation to which our parent Institutions in the UK have aspired during the past two decades but which has yet to be achieved.

My nominated successor, Ian Price, of the IEE, has already demonstrated his enthusiasm and will, I am sure, bring many fresh ideas to the Group and its organization. Good luck, Ian!

John Chapman
Hon. Secretary
ANNUAL GENERAL MEETING

The Annual General Meeting of the Western Canada Group of Chartered Engineers will take place on Friday 24th April 1992 at the Engineers Club, 640 West Pender Street, Vancouver, B.C. The Meeting will commence at 6.30 p.m. and will be followed by a social gathering to which guests are invited.

It is anticipated that the business meeting will finish about 8.30 p.m. Wine and cheese will be served, at no charge.
A room will be provided for the guests during the business meeting.

The following is the proposed agenda for the meeting:

1) Adoption of the proposed agenda.
2) Approval of the minutes of the Annual General Meeting held 26th April 1991.
3) Matters arising from the minutes.
4) Reports of the Group Officers:
   a) Chairman's Report
   b) Alberta Sub Group Chairman's Report
   c) Technical Programme Report
   d) Honorary Treasurer's Report
   e) Honorary Secretary's Report
5) Adoption of the Reports of the Group Officers.
6) Matters arising from the Reports of the Group Officers.
7) Proposal of the Amendment of the Group Constitution (see enclosed proposal).
8) Discussion and vote on the Amendment of the Group Constitution.
10) Election of the 1992/1993 Group Committee
12) Any other business.
13) Adjournment.

We look forward to seeing you at the Meeting! Please come along and let us know how we may best serve the needs of the membership of the three Institutions.

In order to assist with catering, kindly advise the Honorary Secretary if you will be attending the social gathering, by Wednesday 22nd April 1992.

John Chapman
Ph: 228-9135 (home)
Hon. Secretary, 669-8811 (office)
The Western Canada
Group of
Chartered Engineers

ANNUAL GENERAL MEETING

The Annual General Meeting of the Western Canada Group of Chartered Engineers will take place on Friday 24th April 1992 at the Engineers Club, 640 West Pender Street, Vancouver, B.C. The Meeting will commence at 6.30 p.m. and will be followed by a social gathering to which guests are invited.

It is anticipated that the business meeting will finish about 7.30 p.m. Wine and cheese will be served, at no charge.

A room will be provided for the guests during the business meeting.

The following is the proposed agenda for the meeting:-
1) Adoption of the proposed agenda.
2) Approval of the minutes of the Annual General Meeting held 26th April 1991.
3) Matters arising from the minutes.
4) Reports of the Group Officers:--
   a) Chairman's Report
   b) Alberta Sub Group Chairman's Report
   c) Technical Programme Report
   d) Honorary Treasurer's Report
   e) Honorary Secretary's Report
5) Adoption of the Reports of the Group Officers.
6) Matters arising from the Reports of the Group Officers.
7) Proposal of the Amendment of the Group Constitution (see enclosed proposal).
8) Discussion and vote on the Amendment of the Group Constitution.
10) Election of the 1992/1993 Group Committee
12) Any other business.
13) Adjournment.

We look forward to seeing you at the Meeting! Please come along and let us know how we may best serve the needs of the membership of the three Institutions.

In order to assist with catering, kindly advise the Honorary Secretary if you will be attending the social gathering, by Wednesday 22nd April 1992.

John Chapman
Ph: 228-9135 (home)
Hon. Secretary, 669-8811 (office)
PROPOSED 1992 AMENDMENTS TO THE GROUP CONSTITUTION.

12.(d) Present at the Annual General Meeting of the Group, a Balance Sheet and Statement of the Income and Expenditure of the Group FOR THE FINANCIAL YEAR ENDING THE PREVIOUS DECEMBER 31ST; and

15.(a) Each Session of the Group shall last for a period of one year, from THE DATE OF THE ANNUAL GENERAL MEETING.

15.(c) The Annual General Meeting of the Group shall be held in late JANUARY/EARLY FEBRUARY, when the Committee shall present their report upon the work of the Session, and the Committee for the ensuing Session shall be elected.

Note: Changes are indicated in bold upper-case letters.