

# NEWSLETTER

WESTERN CANADA JOINT GROUP OF CHARTERED ENGINEERS

## CALGARY CHAPTER

INSTITUTIONS OF CIVIL, MECHANICAL, ELECTRICAL, AND STRUCTURAL ENGINEERS

### Your Views on the Engineering Council

By Eur Ing David Hood C. Eng.

No matter what the state of the economy in the United Kingdom one activity can be expected to thrive in all conditions—committees to review the organisation of the engineering profession! Many of you may have read about the latest one which has been set up to review proposals for a new 'umbrella' body to replace the Engineering Council. Sir James Hamilton is responsible for preparing a response from the six institutions.

While every engineer has been encouraged to write individually to Sir James, the Committee thought that there may be some merit in producing a co-ordinated response from engineers in Alberta, especially since the weaknesses of the structure in the U. K. are often more apparent from a distance. What do you think of the current Engineering Council? Does it meet your needs? What would you like to see changed and how would you effect that change?

There may be a tendency to say "Oh no, not another committee", and ignore it, but remember that we are paying our dues each year, and someone is now asking us how we would like to see a portion of them spent. Let us take this opportunity to tell them.

You can contact me at 298-5710 during the day or at 239-3012 at home, or facsimile your comments to 289 3875. I will collate the responses and they will be published in a future edition of this newsletter.

### Registration News

By Nigel Shrive F.I.C.E.  
Professor of Civil Engineering, The U. of C.

Matters have improved tremendously in the past few months for British Engineers. The accreditation procedures of the Institutions of Chemical, Electrical

and Mechanical Engineers, and the Joint Board of Moderators (Civil, Structural, and Building Service Engineers) have been approved by the CEAB (Canadian Engineering Accreditation Board). It is now up to the individual Provincial Associations to decide what to do with respect to graduates accredited by one of these Institutions.

APEGGA appears to be about to approve as acceptable academic standing for registration, graduates of programs accredited by one of the above Institutions since 1989—when the Washington Accord was signed. Such people would only be required to sit the Professional Practice examination and show appropriate experience for registration. We should be able to confirm this early in the new year, or you could check directly through your local APEGGA office, or with the Registration section in Edmonton.

Members of one of the Institutions who have come through the HNC, HND and/or the examination route, are still liable to be assessed "confirmatory" examinations by APEGGA. There is thus still work to be done. Membership alone of one of the above Institutions will still not be recognised as sufficient academic standing. It will take some time obviously, but recognition that membership of one of the Senior Institutions establishes unequivocally the academic competence of the candidate for registration in APEGGA, remains the target to be achieved. It should not matter what route was taken to achieve that membership.

### "U.K. C. Eng Pay Rises Exceed the Norm"

from 'Engineering News of November 1992'

"1992 Survey of Chartered Engineers, Incorporated Engineers and Engineering Technicians

(continued)

**THE CALGARY CHAPTER**  
**WESTERN CANADA JOINT GROUP OF**  
**CHARTERED ENGINEERS**

**ANNUAL DINNER**

**Saturday 16th January**

(Please note the revised date)

6.30 for 7.00 pm

**Tivoli Room of the Danish Canadian Club**  
727 - 11th Avenue, S.W.

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Dinner will be a Buffet and will include a selection of salads,  
hot and cold meat and fish dishes  
Danish pastries and coffee

Come and enjoy a social evening with fellow members and guests,  
exchange news and views with Civil, Mechanical, Electrical  
Chemical, and Structural Engineers.

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Cost is \$15.00 per person

No host bar

Guests welcome.

Please complete and return the enclosed slip by January 5th  
to **Mike Milligan** at our Bankers Hall address.

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From the Editor

We plan to publish this newsletter twice a year, to be sent to all members of the sponsoring Institutions listed as resident in Alberta. If you have any comments regarding content, wish to contribute an article, express a point of view, or advertise a service, please call .

**Martin Gough** (244 8844 or facsimile 244 5894)

Chartered engineers pay has risen 2.4% faster than average earnings over the past three years, a period in which their pay also increased by 7.2%—well in excess of inflation.

One in seven EngC registrants under the age of 65—25,842 engineers—were selected to receive a questionnaire, and of those 34.2% responded.

Median total earnings for a chartered engineer at the beginning of April were £28,500. The highest paid 10% in the survey recorded £46,721, while the lowest 10% yielded £20,000.

Rewards reached their peak for most chartered engineers in the years 45 to 49 when £30,500 is the median salary received.

Despite disincentives, cars continue to be offered to more engineers. Now 45.7% of chartered engineers surveyed receive a car, compared to 40.8% in 1989.

The percentage of chartered engineers saying that they are unemployed has more than doubled to 4.4% of those surveyed, over half being recorded this year. Highest levels are found over age 50 and may be enforced early retirements."

From the Chairmans Report of 1992 (given at the A.G.M.)

By **Pal Lin Li** F.I.Struct.E., F.I.C.E

"It is my pleasure and privilege to give the report for 1992.

As the Calgary Chapter we have taken a positive step forward, and I believe that 1992 will be remembered as the year that we became of age. I wish to take this opportunity to express my gratitude to the Secretary, the Treasurer, and all the members of the Committee for their support and efforts which created the opportunities.

This year we changed the format of our meetings by combining technical and social events to encourage participation.

I would like to thank Dr. Nigel Shrive and Mr. Roger Butler of the University of Calgary for their efforts which will result in the Institution of Chemical Engineers joining our group. I myself as the local representative of the Institution of Structural Engineers

invited the I. Struct. E. to join our group, and have received word from London the the necessary agreement will be concluded in the near future.

We have continued to negotiate with APEGGA for reciprocal recognition of engineering qualifications in the spirit of the Washington Accord. The Institutions in the U.K. have already begun to implement the Accord with recognition of degrees from Canadian Universities. The Institution of Structural Engineers will be offering free student membership to undergraduates at Canadian Universities to encourage them to become corporate members later.

I would like to convey my congratulation to Mr. Tony Howard—a member of the committee—for his election to the office of First Vice President of APEGGA. In June 1993 Tony will move into the high office of President. I would also like to congratulate Dr. Nigel Shrive—another committee member—upon having become a Fellow of the Institution of Civil Engineers."

#### A New Chairman for the Committee

The Chair by constitution changes hands every two years, and rotates around the Institutions. The Chairman Elect for 1993-1994 is Mr David Hood, a member of the Institutions of Electrical and Mechanical Engineers.

#### An Open Letter from Eur Ing David Hood C.Eng

"Members,

Under my Chairmanship in the coming year your committee will we concentrating on the following items:

- i) Providing an interesting and stimulating technical programme.
- ii) Providing an effective support network for members.
- iii) Representing members to the locally based engineering organisations.

We will concentrate on becoming a more effective organisation and will take whatever steps may be necessary to achieve this. Membership of the Chartered Engineering Institutions is considerably more recognised abroad than an APEGGA membership, and I believe that as Alberta deals with the downsizing of many of its major industries the resultant outward focus will make our corporate membership more valuable.

(continued)

I look forward to meeting you at our upcoming functions. If I can be of any assistance to you please call me at work—298 5710—or at home—239 3012."

Committee for 1993

- |                       |                   |
|-----------------------|-------------------|
| <b>David Hood</b>     | Chairman          |
| <b>Bob Owens</b>      | Vice Chairman     |
| <b>Pai Lin Li</b>     | Past Chairman     |
| <b>Chandra Gajjar</b> | Secretary         |
| <b>Martin Gough</b>   | Treasurer         |
| <b>Nigel Shrive</b>   | APEGGA Liaison    |
| <b>Paul Camwell</b>   | Communications    |
| <b>Ron Girardau</b>   | Technical Program |
| <b>Mike Milligan</b>  | Social Program    |

**Ted Maciag** 249 2995

**Mike Wheeler**

**Alistair Limpitlaw**

**Tony Howard**

Correspondence to:

**The Secretary**  
**P.O. Box 22136**  
**Bankers Hall**  
**Calgary**  
**Alberta T2P 4J5**

1992 Technical and Social Highlights

By **Bob Owens** M.I.Mech.E.

We began our 1992 programme with an enlightening set of stories about the experiences of Ron Girardau and his construction projects throughout Canada and Scotland. This lighthearted talk amused both the technical and non-technical at this combined technical/social evening. Ted Maciag completed the evening with the presentation of a video of the construction of Goodwood Racecourse. A recent video of the Channel Tunnel breakthrough was provided courtesy of the Balfour Beatty Group.

Our July session was hosted by our Chairman Pai Lin, who presented the Rt. Hon. H. K. Cheng O.B.E. who was visiting North America. The event was held at the Silver Springs Golf and Country Club. The presentation was of the most current news of the University of Science and Technology of Hong Kong, and of the controversial airport and transit system now under construction. The session was held jointly with the Canadian Society of Civil Engineers and was attended by thirty-six members and their wives.

The September meeting was held at the Danish Canadian Club and consisted a presentation of the Hibernia Project by Mr. Bob Benson, followed by a video on segmental suspended bridge construction.

The November meeting which immediately preceded the A.G.M. was a presentation of the geology of the Shell Caroline gas field development.

Your Technical and Social committee members would like to thank all the members who assisted with and attended the 1992 programme, and would encourage your support of the upcoming programme for 1993.

1993 Technical and Social Programme

January 16

**Annual Dinner** at The Danish Canadian Club  
 January 16 at 6.30 pm (for information see below)

<u>Preliminary Schedule:</u>		<u>Time</u>
February	Career Development Night	even.
March	Darts Night at the "Dog and Duck"	even.
April	Calgary Herald Production Offices	even.
May	Canadian Airlines Maintenance Hanger or Airport Control Tower	even.
June	Races at Stampede Park	t.b.a.
July	L.R.T Control Centre	t.b.a.
September	Supercomputers at U. of C.	even.
October	Petroleum Institute Center / Computer Modelling Group	even.
November	Annual General Meeting	even.

PLEASE ! All members to confirm the above events as posted on local Notice Boards, or on your Community Channel 10, by January 16 1993.

.....We want your support in 1993.....  
 ...Look/listen and keep in touch with your profession...