



NEWSLETTER

PROBUS CLUB VANCOUVER

#252-2025 West 42nd Avenue, Vancouver B.C. V6M 2B5 (604) 261-6818

Clubs for retired and semi-retired professional and business persons, former executives
and others
Visit Probus web site at "www.probus.org"

NEXT MEETING: Tuesday January 14, 2003

TIME: 9:30 AM

**LOCATION: Royal Vancouver Yacht Club
3811 Point Grey Road**

SPEAKER: Ross Smyth

**TOPIC: One World or None-
The Story of World Federalism**

Minutes of December 10, 2002

Attendance: 162 with 5 guests

Don Farquhar opened the meeting by reminding the members of his lunch at the RVYC on Tuesday January 14, 2003. He also indicated that the Convention Committee was looking for volunteers. **Fred Cotton** advised that the January speaker would be Ross Smyth of World Federalism speaking on *One World or None* (a piece of cake after fuel cells!). **Dick Matthews** advised that he was involved in his annual "calling" because our wait list was close to twenty. **Gordon Thom**, "confused" by overbooking on the YVR tour announced that the January 22 "flight" was full and that a second "flight" would take off on February 19th (details in December newsletter). **Thom** then proceeded to give squalid cost details of the President's Lunch (\$15.00 per member, \$35.00 per guest, cash bar) and the Valentine's lunch (\$35.00 per person) and, in passing, that the Golf Tournament was April 28 and a Historic Walking Tour of New Westminster was set for May 7. **Leo Sauve** said he could use some more greeters and **John Hoyle** said that the President of Rotary International would be in Vancouver on March 12.

The guest speaker, Geoffrey E.H. Ballard, introduced by **Don Mann**, spoke on the fundamentals of the Fuel Cell System and what a fuel cell looks like.

Ballard = Cell. Fuel Cell=Ballard.

Dr. Ballard's (he has received honorary Doctorates from six Canadian Universities) obvious mastery and affection of his subject and his communication skills translated into a crash course for members on the basic fuel cell, the Proton Exchange Membrane Fuel Cell (PEM). Oh yes, there are others - PAFC, AFC, MCFC AND SOFC - but we shall stay with PEM. In the beginning - no, couple of other basics: (1.) Energy systems ("driven by what people want - desire") and (2.) transportation (Romans didn't have hay, which is a technology, and so they had a hell of a logistical problem in their land transportation) - we had coal and wood (external combustion - fire outside fuel box), then internal combustion (single source energy, crude oil, natural gas). Energy - you need a conversion device e.g. external, internal, fuel cell. Conversion device is fundamental. Air (hydrogen), fuel cell, electricity, i.e. PEM. Electricity without combustion. At this point Dr. Ballard passed around the carbon plates (basic component of a fuel cell) = manifolds (3 dry cell batteries - energy conversion device, reactant storage - in row e.g. flashlight). In early 1990 Ballard Fuel Cell Stack (think dinner plates stacked in dishwasher) was shipped to Daimler Benz with the instruction "do not disassemble".

Dr. Ballard sees the clean up of the inner city i.e. fuel cell trucks, buses (some now running in Chicago) as the first mass use of fuel cells with automobiles beyond 2010, well beyond, despite fuel cells being able to generate 25 times the entire stationary electrical generating capacity of the State of California and ramp speed of seconds with no land wire.

January 2003

President:
Don Farquhar
604-948-9908

Director,
Probus Canada
Pidge McBride
604-274-0446

Past President:
Norm Weitzel
604-925-3574

Vice-president:
Tom McCusker
604-261-4763

Secretary:
Denis Creighton
604-922-6469

Treasurer:
Bill Wallace
604-947-0340

Speakers Committee:
Fred Cotton
604-266-7060

**Membership
Committee:**
Dick Matthews
604-922-0358

**Visits and
Entertainment:**
Gordon Thom
604-739-0728 0714

House Committee:
Doug Lambert
604-266-2422

Newsletter Editor:
Roy Williams
604-926-4727

Greeters Committee:
Leo Sauve
604-925-2702

Rotary Liaison:
John Hoyle
604-926-2667

**Historian and
Archivist**
Peter McCabe
604-224-4870

Distribution of hydrogen is the main problem - not the supply (oxygen/hydrogen - universal balance). Hybrid vehicles are part of learning curve for auto makers but are too complex - the fuel cell is incredibly simple. The railroad engine is the most logical engine to use a fuel cell.

Finally, not to panic, you will be able to drive your SUV for some considerable time before Dr. Ballard's PEM overtakes you.

Jack Croll thanked our speaker.

The meeting ended at 11:30 am.

Denis W.H. Creighton, Secretary

**PRESIDENT'S MESSAGE:

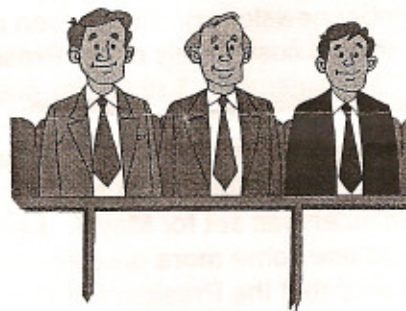
Welcome to a new year - a time for thinking about future issues facing Probus Vancouver. During 2002 your Management Committee dealt with the fact that we have been too successful with membership recruitment and have had to introduce capping the roster.

The next issue facing us is our aging membership. Since most recruits come from current members, our average age of new applicants has risen to 75 years! The result is that the club is aging. If it is not to wither from infirmity and deaths there is a need to address the issue of attracting younger members. There are two proposals being considered by the Management Committee - active recruitment of younger members and/or preferential acceptance of younger members. Your views on this matter would be gratefully received.

Donald Farquhar
President

** May I acknowledge that the wording here was hacked out in committee with a dissatisfied group of low ranking members of the aged editorial staff.

**January Greeters: Bev Machesney,
Ed Legg**



**January Cash Desk: Frank Willis,
Lorne Bohlman**

NOTICES:

It is with regret we announce the passing of Doug Bajus on December 10. Our condolences to his family. A donation will be made in his name by Probus to the North Shore Palliative Care program at Lions Gate Hospital.

*****PRESIDENT'S LUNCHEON*****

Tuesday January 14th

(follows regular 9:30am meeting)

Both at

Royal Vancouver Yacht Club

3811 Point Grey Road, Vancouver

All members who are going to attend President's Lunch will you please phone Probus office, so we can have a count.

Cost: \$15.00 for members: \$35.00 for non members. Payable at the door, includes 1 glass of wine with lunch.

Cash Bar: before and during lunch

Parking: You may require a free guest parking ticket for your car window. Ask at reception desk.



Valentine's Luncheon - Friday February 14th

at

Point Grey Golf and Country Club

3350 S.W. Marine Drive, Vancouver

Reception: 11:30 am - cash bar

Luncheon: 12:15 pm

Cost: \$35.00 payable in advance, includes wine with lunch

RSVP: Please return reply form and cheque

Ross Smyth

A longtime employee of Air Canada. Among his many responsibilities were flight dispatcher and flying instructor. Later in his career he was the public relations manager which included preparing speech material for the President and Promoting the airline industry.

He became interested in the speech topic when elected National President of the 25,000 member Junior Chamber of Commerce of Canada in 1955. In his last Jaycee year 1960, he represented our International President at an important conference on world tensions at the University of Chicago. Conference co-chairman Lester Pearson was one of seven prominent Canadians there. He had never heard of World Federalism previously and was sold on the idea by a prominent Cleveland business delegate.

Working for an international company sparked his interest in global affairs and believed then and now that experts are not doing a good job of managing the world. He made two trips to the USSR during the Cold War that influenced him.

He was president of the Montreal chapter of the United Nations Association of Canada when they had a UN pavilion at Expo 67 in Montreal. Later he became President of the World Federalist of Canada in 1968-7). During this period they hosted a world federalist conference in Ottawa, their guests included UN Secretary-General U.Thant and the Prime Minister of Denmark.

Mr. Smyth is a long time resident of Montreal and an enthusiastic member of the Rotary Club of Montreal.

January 2003

REMINDER - Airport Tours
January 22 / February 19th 2003

Board Bus at THE BAY, Oakridge, North Entrance 9 am

- Park NW Parking lot
- Return noon, no host lunch at White Spot - Optional
- Please check attached lists to see if and which tour is yours. If unable to attend on date shown, please advise office as we have a wait list or we may be able to switch.
- Photo ID is required for Airport Security.

January 22

N. Sawers
D. Lambert
T. McCusker (2)
M Gandossi
G. Gilley
J. Boultee
D. Farquhar (2)
P. McBride
R. Kerr (2)
A. Knudsen
W. Weatherall(2)
G. Thom
F. Cotton
T. Laing
C. Lee
G. Chowne (2)
W. Hill (2)
I. Frederiksen(2)
C. Parry
T. Heenan(2)
B. McCallum
G. Hogarth
C. Arnold
J. McWilliams
C. Foster(2)
G. McLennan(2)
F. Robertson
N. Thornton
W. Kennedy
D. Hudson
J. Hoyle
J. Hopkins
D. Newman
E. Legg
A. Lewis
N. Weitzel
J. Buckham(2)

R. Nelson

February 19

K. Shives
R. Pollock
K. Warner
A. Jeffery
R. Weese
S. McKenzie
B. Nicholson
G. Miller (2)
J. Merchant
M. Bray
S. Clarke
W. Manson
D. Moir (2)
K. Stronge
H. Hermon
R. English
A. Swannell
J. McPherson
G. Copland
D. Bayce Buchanan
K. Warner
F. Field (2)
P. Boyle (2)
J. Cross
J. MacGowan
R. Lively (2)
R. Beck (2)
A. Penhall
D. Andrews
A. Freeman
T. Marshall
A. Baker
A. Clark
J. Catchpole (2)
T. Duncan
J. Beveridge
L. Sauve

Tom Neilson
J. Coleman (2)
G. Fraser

