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AtlanTECHnews

October 2001

for the technology professionals of New Brunswick, Prince Edward Island, Nova Scotia and Newfoundland

Association of Certified Engineering Technicians and Technologists
of Prince Edward Island (ACETTPEI)

Council:

| | |
|-----------------------------------|----------------------|
| President | Brian Fleming, ASCT |
| Vice President | Dave Penney, ASCT |
| Secretary (Acting) | Dave Penney, ASCT |
| Treasurer | Delbert Reeves, CET |
| Registrar | Ross Barnes, CET |
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| Councillor | Delbert Reeves, CET |
| Councillor | Kevin Reynolds, CET |
| CTAB Representative | Rosemary Terris, CET |
| CCTT Director & Past President | Stephen Gould, CET |

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Saint John Branch NBSCETT Meeting:

October 30th at 7:00 to 9:30 pm NBCC-Saint John, Boardroom A, Second floor A Block The meeting Agenda includes the Election of Officers and discussions on appropriate venue and format for future meetings. This is a planning session folks. Come and bring your ideas and enthusiasm. Information: June Connell, CET, cCt, MCIC
658-2118, 696-2954; vjune@nb.sympatico.ca

LOOK AHEAD. GET AHEAD

In Canada, the demand for technicians and technologists is growing at a faster rate than technology graduates are being produced. In order to address this inequity, the Canadian Technology Human Resources Board (CTHRB) in partnership with Human Resources Development Canada (HRDC) has developed a suite of technology career information for young Canadians.

"Look Ahead, Get Ahead"

Growing Career Opportunities for Technicians and Technologists

is a practical and comprehensive guide showing the depth and diversity of technology careers. It includes a reference guide that provides an overview of industry occupations and trends, a tabloid on technology careers and career paths, an interactive Web site, as well as interactive CD-ROM, which have been distributed to secondary schools, human resource centres and technology associations across the country.

Technicians and Technologists work at the frontiers of Canadian industry, where exploration and discovery are altering the way we live and work. Colleges across Canada equip technicians and technologists with the practical training and skills that prepare them for the demanding and interesting challenges of technology careers. These diverse careers offer not only stability and high average annual incomes, but also a high level of job satisfaction and excellent opportunities for advancement.

Look Ahead, Get Ahead features profiles of sixty technicians and technologists in the thirteen disciplines covered in the guide. These profiles are real life examples of the opportunities that abound in the technology fields and how they are shaping the future. From on-the-job responsibilities and education requirements to career path information and salary ranges, students, teachers, career counselors and parents will find all the information they need to make informed career decisions at www.cthrb.ca.

Association of Certified Engineering Technicians and Technologists of Prince Edward Island - (ACETTPEI)

Price Club Membership:

All members of ACETTPEI qualify for membership with Costco Price Club, (Moncton, is the closest). Members must produce any document proving that they are part of our association with a piece of ID and they will be able to open their own store membership file. Until Membership cards become available, any ACETTPEI member wanting to join can request a letter from Council to prove they are a member in good standing. Happy Shopping.

NBSCETT information presentations available to employers, managers & staff

If you, your company, or community organization wants to know more about NBSCETT, its role in education, the standards for certification and the designations, relationship and benefits to industry, career advancement, its processes and national/international recognition, a presentation (english or french) is available; and will be as in-depth and detailed as requested.

The presentation can be from 20 minutes to two hours.

Association of Certified Engineering Technicians and Technologists of Prince Edward Island - (ACETTPEI)

The Following meetings are scheduled for October.

October 1, 2001:

- Council Meeting; At the Food Tech Center (5:15pm).

October 11, 2001:

- Members of Volunteers Committee involved in Power Point Presentation; At the Food Tech Center (5:15pm)

October 22:

- Committee Meeting; At Food Tech Center (6:00pm).

All members are welcome to attend.



NBSCETT mugs

(standard handle is opposite colour logo)

available from Society office, \$5.00/ea. or set of six for \$25.00 (Plus postage; NO HST).

Community Zero:

All Members with internet connections are urged to log on to and join the Community Zero site for Members of ACETTPEI. This is a great way to keep tabs on upcoming events and meetings as well as voice your ideas and opinions to Council.

Anyone without a password can contact Brian McLellan or Stephen Gould for assistance.

WINNER of free set of six mugs drawn from the 44 reader responses in the June AtlanTECH was **Michel Arsenault**, CET of Caraquet, NB. Thank you for the input; and please remember, readers' comments are always welcome.

The NBSCETT Meloche-Monnex Continuing Education Bursary

Application for the NBSCETT - Meloche Monnex Continuing Education Bursary is open to any NBSCETT Certified member or immediate family member, who has confirmed registration in a nationally accredited applied science /engineering technology training program, or regular/distance education courses/programs of relevant discipline specific for upgrading, or, leading to reclassification from Certified Technician to Certified Technologist status. Applications for this Bursary, complete with proof of program registration and curriculum outline must be received at the Society office by August 31, 2002.

Bourse d'éducation permanente Meloche-Monnex de la SttagN-B

La bourse d'éducation permanente Meloche-Monnex de la STTAGNB est accessible à tous les membres certifiés et les membres de leur famille immédiate, qui sont officiellement inscrits à un programme de formation, reconnu à l'échelle nationale, en technologie des sciences appliquées ou du génie, ou à des cours ou programmes d'éducation réguliers ou à distance dans une discipline liée à une mise à jour ou menant à une reclassification du titre de technicien certifié à celui de technologue certifié. Les demandes pour cette bourse, accompagnées d'une preuve d'inscription à un programme et d'un synopsis du programme d'études doivent parvenir au bureau de la Société avant le 31 août 2002.

NBSCETT - SttagN-B 2001 - 2002 Council

| | |
|-----------------|---------------------------|
| President | Pamela M. Jardine, CET |
| President Elect | Richard P. Jackson, CET |
| Vice President | V. June Connell, cCT, CET |
| CCTT Director | Dan McLaughlin, CET |

District Councillors:

| | |
|-------------|------------------------|
| Fredericton | Mark J. Wilson, CET |
| Fredericton | Dan McCarty, CET |
| Moncton | vacant |
| Moncton | J. Eloi Ross, CET |
| North | Donald S. Duguay, CET |
| North East | Ron J. Leger, CET |
| North West | Roger J. Poitras, ASCT |
| Saint John | Peter D. Wilson, CET |
| Saint John | E. James Nyers, CET |

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Editorial opinions, submitted articles and reports published within the AtlanTECH do not necessarily reflect the opinion/policy of the Councils/Societies; and the Societies do not accept any responsibility. All submissions are welcome, in either official language. Employers are offered free 'business card' size advertising space when seeking members of the Societies for employment, and general advertising rates are available upon request. The AtlanTECH has circulation to over 4,000 decision makers throughout Atlantic Canada, and across the country. Please address all correspondence to NBSCETT Executive Director, E. F. Leslie, CAE.

The Information Age: TIME UNTIED

The Information Revolution has spawned a distressing number of ailments whose existence threatens personal productivity and more importantly the health of business professionals the world over. That such an epidemic has happened upon us so fast is a disturbing testament to the gulf that exists between continuous innovation put forth by the human mind, and the body's own capacity to keep pace with such change. The following is a partial list of the most common hazards to health and sanity when working with technology.

Hitnosis: The act of staring patiently at a blank web browser screen while waiting for a web-page to appear. When coupled with feelings of intensified anticipation, known as the internal expectation factor (IEF), it causes the sufferer to blurt out phrases such as "come on!" or "I haven't got all day". When two or more people stare expectantly at the same blank browser screen, the cumulative IEF generates enough static electricity to power a small desk size fan for up to 30 seconds.

The antidote: Employ a three-second patience rule. If a desired web-site does not appear within three-seconds, press, Stop, Reload/Refresh, or even log-off and reconnect.

Illegal Operation Palpitations:

The terror and prayers that occur are immeasurable when Windows PCs display the "...this application has performed an illegal operation..." message. Mac users encounter a similar condition known as "bomb trauma". This phenomenon is proof of the true metabolic relationship that exists between computer and user. It starts with a message in the short term memory area of the brain such as "Hey! The document on the screen has not been saved for a long time, and a great deal of work has been done since then." As this message moves along the synapses, it is intercepted by a panic reflex that starts to tally up the costs of losing the data should anything go wrong.

Peripherals actually sense the user's presence: This panic reflex generates an electric current that passes through the arms and fingers, into the keyboard or mouse and is interpreted by the computer's operating system as a command from an external processor (your brain), which conflicts with its own processor (its brain), which it doesn't like one little bit (hence; illegal). The computer then posts the illegal message, and a taunting gesture to the offending external power (your brain), offers a choice of two actions, 'Ignore' or 'Cancel', neither of which do anything. The current is then redirected up the fingers and arms of the user where it stimulates increased heart rhythms, sweating, and an unusual amount of in-office prayer.

The antidote: Save your work regularly, and often. At least every fifteen minutes or so.

Peripheral Vision: This is a computer's ability to sense when you have left the room. Many innocent computer users have left a PC to print a large document or download/transfer large files, maybe during lunch hour, only to discover on their return that an "error" occurred at 12:02. This happens because peripherals of a computer (monitor, printer, modem, mouse) actually can sense the user's presence in the room. They know when you have left them, and they take offence.

The antidote: Keep an eye on your PC for the duration of an extended task. Look for Stephen King's name in the design credits of Windows95.

Steve Prentice is an author and speaker who teaches "personal-corporate survival skills" to audiences across North America. He can be reached at <http://www.bristall.com>

Ottawa: September 18, 2001.

The Canadian Technology Human Resources Board (CTHRB) of Ottawa Ontario and Media Touch Technologies of St. John's Newfoundland announce the formation of a partnership to assist in the creation and management of technology-related program curriculum.

The partnership will enable organizations and educational institutions to create and manage curriculum using the Canadian Technology Standards (CTS) and the Media Touch Curriculum Management System (CMS). The web-enabled management system provides seamless integration between the two products, enabling users to map and utilize relationships between technology competency standards and programs of study.

The combined services offer educational institutions and organizations the ability to:

- Manage curriculum development to monitor program integrity and maintain accreditation criteria using the Canadian Technology Standards;
- Organize curriculum theory (program goals, course outcomes, lesson plan outcomes) to assist in implementing a common curriculum;
- Correlate program components to competency statements described in Canadian Technology Standards;
- Manage the practical curriculum components (teaching strategies, assessment, resources).

"This partnership creates a valuable resource for organizations and Technology education institutions who presently either build their own tools or subscribe to other sources to support programs", said Bob Cook, Director of Operations for the CTHRB.

The resulting management system makes it easier and faster to conduct daily workflow process in administration, development and program delivery, said Diane Hollett, President of Media Touch Technologies.

Media Touch Technologies is a St. John's based firm active in e-learning development and curriculum management systems, with a client base in the education, aerospace and IT sectors. The company's work in knowledge management systems includes work with numerous post secondary colleges, and a recent partnership with the Newfoundland Department of Education to design and develop a management system to manage a new outcomes based curriculum framework, and implement that new framework throughout the K-12 schools in that province. Since then the company has expanded to provide curriculum management services to the post secondary and corporate sectors.

The Canadian Technology Human Resources Board (CTHRB) is a not-for-profit alliance of industry and educational institutions representing the interests of all partners in the technology workforce. Its principal mission is to sustain Canada's high ranking in the technology sector. CTHRB strives to do this through the development of youth initiatives and career development programs in the applied sciences and engineering field; CTHB develops and promotes the Canadian Technology Standards (CTS) that are recognized nationally and internationally as the certification criteria for technicians, technologists and their associations; CTHRB aims to assist Canadian industrial and occupational technology organizations in identifying and resolving human resources issues, which challenge the industry and the technology work force; CTHRB contributes to alleviate youth employment concerns, helps technology hopefuls get ahead and promotes workplace ethics.

For further information contact:

Diane Hollett at 709-753-8252, ext 11,
www.mediatouch.com

or, Bob Cook at the Canadian Technology Human Resources Board,
at (613) 233-1955 or
www.cthrb.ca

SCAMS

By Kurt H. Schuler, CET (USA,Ret.)

I have read the newspaper articles and watched the TV news programs devoted to the multitude of SCAMS designed to part us from our money. There seems to be no end to the ingenuity of people to devise new methods of accomplishing this. I sometimes wonder what these individuals could accomplish if they channeled their activities into legal endeavors.

Anyway, I had heard of the Nigerian letter scam and lo and behold the following fantastic offer appeared in my e-mail box. Unfortunately, this fine offer with its many sterling qualities, failed to meet the scope of my acceptance.

I have faxed a copy of this letter to the Secret Service Financial Crimes Division as requested in one of the many articles I have seen relating to SCAMS. Thought I would pass this along to our readers to let you see what type of letter some of these con artists send out:

" From: jai oko<oko_jai@

Subject: CONFIDENTIAL BUSINESS ASSISTANCE

To: khschuler@mindspring.com

Dear Sir,

I am Engr. Peter Okoji Chairman of the Tender Committee of the Nigerian National Electric Power Authority (NEPA) I got your esteemed contact address through a magazine while I was on transit at your airport. My committee is principally concerned with payment of all contract awarded from 1995 to date, in order of priority as regard capital projects of the NEPA. The money transfer deal valued at Thirty One Million United States Dollars and subsequently a joint business venture.

In the course of our duties as valuers, and project inspectors for the ongoing rural electrification have over-invoiced the value of some jobs done by foreign contractors for the NEPA to the tune of US\$31M.

Our aim of over-invoicing this payment is to divert the excess amount to a discrete account abroad. This fund is now floating in suspense account at the Central Bank of Nigeria (CBN). This is the fund my colleagues and I have decided to transfer into your account since we as civil servants are not allowed to operate our own foreign account.

The money will be shared as follows after transfer:

- A. 25% for you (Account Owner)
- B. 65% for me and my colleagues
- C. 10% to off-set both local and international expenses that would be incurred in the course of this transaction.

To be able to claim the funds, we will be purporting your company to be the original contractor/beneficiary of the funds so all procedures for international transfer shall be strictly followed, as we have worked out all modalities for a swift and risk free transfer. If this proposal satisfies you, you are required to set up an account with any bank and send me the details.

This transaction will last for 14 working days from the time we submit the required information, as all modalities concerning this traction with utmost confidentiality and urgency.

Yours faithfully, Engr. Peter Okoji "

Anyone receiving such a message is requested to forward it to the RCMP.

NBSCETT's annual membership fees are due on January 1st of each new year, and valid through to December 31st. The late payment date is January 31st; and the late payment charge is \$50.00. The Registry removal date is March 31st; and employers will be notified of 'struck off' members. Certified/Associate members who are unemployed, are full time students, or, are permanently retired from the workforce, may apply for 80% reduction in dues, upon receipt of resumés / affidavits.

Please, help your professional Society better use the resources for education, the profession, and the promotion and protection of titles.

All members are urged to notify the Society office at their earliest convenience, should they have any question/concern; and to inform of any changes to their employment, or their contact information.

GUIDELINES FOR CCTT/MANULIFE SCHOLARSHIPS

Each year, the Canadian Council of Technicians and Technologists (CCTT), through the generosity of Manulife Canada, formerly the North American Life Assurance Company (NALACO), will award two (2) \$1,000.00 scholarships to the son or daughter of individual members of a Constituent Society of the Council.

Purpose

To assist the son or daughter of an individual member of a Constituent member of the CCTT with expenses incurred to undertake the first year a course of studies leading to a technician or technology diploma in a recognized program of studies in Engineering or Applied Science.

Eligibility

In order to be eligible, the applicant must:

- (a) secure a letter from a Constituent Member of the Council, attesting to the fact that his/her parents are members in good standing;
- (b) show by official transcripts that he/she is a graduate from grade 12 secondary school program with second class or better standing; and
- (c) prove by official letter, that he/she is registered in a full-time Engineering or Applied Science technology program in Canada.

Selection

Submissions must be received at the CCTT headquarters office no later than October 1st, annually.

All submissions will be coded and the recipients will be chosen by the lottery method.

Award recipients' names will be announced annually at the October CCTT Awards Banquet in conjunction with the National Directors' Meeting.



Memorial
University of Newfoundland



Take your career to the next level with a Bachelor of Technology

Do you have a diploma in a nationally accredited applied science and engineering technology or health science program?

A bachelor of technology from the Marine Institute of Memorial University can provide you with the skills to advance your career to senior technical supervisory or managerial positions.

Available on campus or through internet-based distance delivery, the bachelor of technology program consists of 12 courses and a report that can be completed on a full or part-time basis.

TRANSFORM YOUR DIPLOMA INTO A DEGREE

- Obtain strong technical training and a general background in business by combining your college diploma with our bachelor of technology program
- Complete your degree requirements with one of Canada's leading universities without leaving home
- Develop marketable skills necessary for your professional advancement
- Choose your pace: complete the program on a part-time basis or in one academic year as a full-time student

For more information, please contact:

Registrar's Office, Marine Institute
P.O. Box 4920, St. John's, NF Canada
A1C 5R3

Tel: (709) 778-0600

Fax: (709) 778-0322

Toll free: 1-800-563-5799, ext. 600

Email: admissions@mi.mun.ca



MARINE INSTITUTE

As per Engineering Technology Act, 5 (2), and 5 (1) (f).

the By-Law amendment CM #00-59 was M/S V.J. Connell, cCt, CET/ Mark Wilson, CET and acceptance Carried at Council 2001-09-15:

Amend By-Law #6.08 (c) (i) to read; "The Nominating Committee will consist of the Immediate Past President, who shall be the Chair, and at least three (3) certified members of the Society. The Executive Director will serve as a resource in locating interested members."

This amendment, M/S V.J. Connell, cCt, CET/ Mark Wilson, CET and acceptance Carried at Council 2001-09-15.

By-Law Amendments #1 at Council Meeting 2001-06-16

To reduce misunderstandings of presumed policy/processes, the following amended wording in bold was accepted:

3.09 The NBSCETT representative to the Canadian Council of Technicians and Technologists (CCTT) Board of Directors **shall be a certified member**, should be an NBSCETT Past President, deemed aware of current Society activities and endeavours, capable of appropriate representation of the NBSCETT, and with the adequate time available confirmed, to devote the required commitment, and be ratified in this appointment, by the Council. The post of provincial representative to the CCTT, and the Council position would be of a term **from appointment date** of two (2) consecutive years. Regardless of whether the individual is the Immediate Past President or not the NBSCETT-CCTT Director shall be a voting member of the Society's Council and Executive Committee. There is no limit to duration of one individual holding this position.

By-Law Amendments #2 at Council Meeting 2001-06-16

To reduce misunderstandings of presumed policy/processes, the following amended wording in bold was accepted:

5.01 The reasonable out-of-pocket expenses of officers **or members of Council** and members of the Society acting on Committees/ Boards of the Society, incurred while carrying out business **pre-authorized by the President and/or Executive Director** on behalf of the Society, shall be paid by the Society subject to such **rules and/or schedules** as may be prescribed by the Council from time to time.

By-Law Amendments #3 at Council Meeting 2001-06-16

To reduce misunderstandings of presumed policy/processes, the following amended wording in bold was accepted:

6.05 NOTICE OF COUNCIL MEETINGS

- a) Notice of the time and place of Council Meetings shall be mailed or delivered to each **member of the Council** not less than ten (10) days before the date of such meeting.
- b) Notwithstanding the foregoing, the meeting of the Council may be held at any time or place without formal notice if all **members of the Council** are present or have waived notice of the meeting.
- c) If any **member of the Council** is unable to attend a meeting of the Council they shall inform **the Society office** prior to the meeting.

By-Law Amendments #4 at Council Meeting 2001-06-16

To reduce misunderstandings of presumed policy/processes, the following amended wording in bold was accepted:

6.06 QUORUM—SOCIETY, COUNCIL, COMMITTEES

The Quorum for meetings shall be in the case of,

- a) the Society — 20 certified members,
- b) the Council — **6 members of the Council**, and
- c) Committees — unless otherwise provided, a majority of the members of the Committee.

By-Law Amendments #5 at Council Meeting 2001-06-16

To reduce misunderstandings of presumed policy/processes, the following amended wording in bold was accepted:

6.08 ELECTIONS AND VOTING BY MAIL

- a) **Upon completion of the Society's Annual General Meeting, the Council's President Elect shall be the President; there shall be an elected President Elect for a two (2) year term, biennially prior to the Annual General Meeting; and, the Vice President Elect shall be the elected annually.**
- b) Prior to each **Annual General Meeting** there shall be elected a Vice-President and **District Councillors**, as required.
- c) (i) **The nominating committee, will consist of the Council's Past President who shall be the Chair, and at least three (3) certified members of the Society. The Executive Director will serve as a resource in locating interested members.**
(ii) A call for nominations shall be circulated to all certified members in the Society's newsletter prior to December 1.
- d) On or before January 25 the Nominating Committee shall submit to the **Executive Director** a list of nominees for each vacancy that is to be filled on Council.
- e) Additional nominations for any office or offices may be made in writing by any five (5) certified members. Such nominations shall reach the **Society** properly endorsed not later than February 15.
- (p) The results of the poll shall be forwarded to the **Society office; and** all candidates shall be informed of the results by the office no later than April 8.
- q) In case of equality of votes for any Officer or Councillor, the **Council's Past President** shall cast a deciding vote.
- r) Any objection to the poll as announced will be valid only if made immediately after the announcement and a proper request for recount will then be in order. If such a request is supported by ten (10) certified members the **Chair of the Nominating Committee** shall appoint a ballot returning committee of eight (8) certified members who shall forthwith recount all the ballots. Candidates may be present or represented at such recount.
- s) On completion of the recount the results shall be communicated in writing to the **Chair of the Nominating Committee** who shall announce it to the Annual Meeting immediately. Such recount shall be final and binding.
- u) All candidates for election as President Elect or as a Vice-President shall have served as a **member of the Council** within the five (5) years preceding their nomination.
- v) No **District Councillor** shall be entitled to hold the same office for more than two (2) consecutive terms.

By-Law Amendments #6 at Council Meeting 2001-06-16

To reduce misunderstandings of presumed policy/processes, the following amended wording in bold was accepted:

6.09 PROCEDURE

- a) Subject to the **Bylaws and Rules Of Council**, the procedure at meetings of the Society and the Council shall be governed by the latest official edition of Roberts Rules of Order.
- b) If within half an hour of the time appointed for the **commencement of the Annual General Meeting or of a special meeting** of the Society, a quorum is not present, the President shall in the case of an annual meeting, call another meeting for such time and place the subject to such notice requirements as **the President** shall determine and in the case of a special meeting, the special meeting shall be dissolved.

By-Law Amendments #7 at Council Meeting 2001- 06-16

To reduce misunderstandings of presumed policy/processes, the following amended wording in bold was accepted;

8.05 Any member who has failed to pay **all** fees, dues or assessments that came due on January 1st shall be sent a letter **by First Class mail** prior to March 1 addressed to the last address known to the Society, outlining the action to be taken by the Society. **All other members will be sent a letter by regular mail.**

8.06 If a member has not filed the required renewal application and the annual membership fee together with any late filing fees or reinstatement fees established by Council from time to time, by March 31 in any year, the name of the member shall be struck from the register or roster and the Registrar shall forthwith send a notice notifying the member **they are** no longer entitled, to any of the rights and privileges of membership or, to hold **themselves** out as a member **in any way**.

8.07 Life members shall not be required to pay **any** annual membership fee.

8.09 Upon **receipt of signed retired status application affidavit**, a **certified or associate** member who **has permanently retired from the workforce**, and has paid annual dues for ten years or more, may be granted **by Council, Retired Member category status, and an (80%) eighty percent reduction of annual dues.**

By-Law Amendments #8 at Council Meeting 2001-06-16

To reduce misunderstandings of presumed policy/processes, the following amended wording in bold was accepted;

10.01 a) The **membership of the** Council shall be composed of:
(i) the President, the **Council's** Past President, President Elect and the Vice-President,

(ii) two (2) **District** Councillors nominated and elected as representatives for each of the fixed geographic districts of the Province described as follows:

1. Fredericton- complete Counties of York, Sunbury, Carleton, and Queens

2. Moncton- complete Counties Albert and Westmorland

3. Saint John- complete Counties of Saint John, Charlotte, and Kings

(iii) one (1) **District** Councillor nominated and elected as representative for each of the Districts of the province, as described:

1. North East NB- complete Counties of Kent and Northumberland

2. North NB- complete Counties of Gloucester and Restigouche

3. North West NB- complete Counties of Madawaska and Victoria

10.03 a) If any vacancy on the Council occurs, the Council **by resolution**, may fill such vacancy.

c) If any member of **the** Council fails to attend three consecutive meetings of the Council, which three (3) meetings shall be deemed to include the annual meeting of the Society, without valid cause after being duly advised of the holding of such meetings, the Council may declare **this** position to be vacant and may appoint another person to fill the vacancy so created.

By-Law Amendments #9 at Council Meeting 2001-06-16

To reduce misunderstandings of presumed policy/processes, the following amended wording in bold was accepted;

12.01 The Executive Committee of the Council shall consist of the following:

- the President,
- the President Elect
- the Vice-President,
- the **Immediate** Past President,
- **the Society's Director of the Canadian Council of Technicians and Technologists (CCTT)**

- and such other **members of the Council**, as Council may appoint from time to time.

By-Law Amendments #10 at Council Meeting 2001- 06-16

To reduce misunderstandings of presumed policy/processes, the following amended wording in bold was accepted;

15.02 a) The Certification Board shall have eleven (11) members appointed by the Council, each of whom shall be **a** certified members for not less than five (5) years, and none of whom shall be a member of the Certification Review Board, **Mature Applicant Board, Panel of Examiners, Complaints Committee, Discipline Committee, or a member of the Society Council;**

By-Law Amendments #11 at Council Meeting 2001-06-16

To reduce misunderstandings of presumed policy/processes, the following amended wording in bold was accepted;

16.02 a) The Certification Review Board shall have three (3) members, each of whom shall be certified members for not less than five (5) years and none of whom shall be a member of the Certification Board, **Mature Applicant Board, Panel of Examiners, Complaints Committee, Discipline Committee, or a member of the Society Council;** and

By-Law Amendments #12 at Council Meeting 2001-06-16

To reduce misunderstandings of presumed policy/processes, the following amended wording in bold was accepted;

17.07 LIFE MEMBERS

a) Life members shall be certified members or retired certified members approved by a resolution of Council whose names are entered in the roster of life members pursuant to a resolution presented by the Council **and approved at an annual or special meeting of the Society;**

b) Life membership may be awarded to certified members who have given exceptional and meritorious service to the Society **or members who have retired from active employment;**

(c) Members who have retired from active employment, must have paid annual dues for not less than twenty-five (25) years before they can be considered for Life membership.

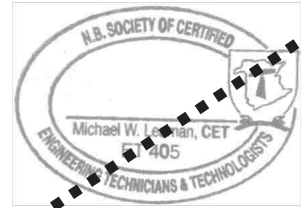
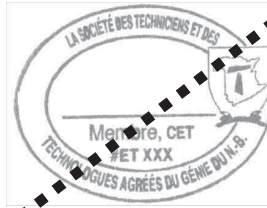
Certified Members, who have paid annual dues for less than twenty-five (25) years may be considered as "RETIRED" members by Council, for reduced annual dues upon permanent retirement from active employment;

(d) **Life** Members shall be entitled to all the rights of membership without payment of annual **Provincial** dues, and are subject to all the other provisions of the By-Laws and Rules.

Paint ball, Paint ball, Paint ball:

All Members (male or female) of ACETTPEI interested in participating in Paint Ball spring 2002 (sometime early May), please let us know by contacting a member of the Council or volunteer committee and on the sign up sheet in Community Zero. We are limited in numbers so first 20 or 25 will be all we can do. The cost is \$20 and includes paint ball gun, helmet and camouflaged overhauls; extra balls are \$10 for 100.

This will be your only chance to take a shot at the President and Council!



GUIDELINES FOR MEMBER'S IDENTIFICATION SEAL

USE OF SEAL

The use of the seal is protected under the New Brunswick Engineering Technology Act 1986. The stamp can be used only by certified members in good standing. The right to use the seal is a privilege granted by NBSCETT. Only the seal issued by NBSCETT may be used. The privilege shall be removed if not used in an ethical or professional manner.

APPLICATION OF SEAL

The professional seal should be applied in a clear and legible manner. The seal shall be used on any preliminary, draft or final documents which have been prepared by the member or prepared under the immediate supervision of the member. The normal signature of the member shall be clearly shown in the space provided. The use of initials without surname is not recommended. The date of application, when required, should be noted.

DOCUMENTS REQUIRING SEAL

In general, seals may be required on documents which:

- a) transfer technical information, or;
- b) have a technical impact on a third party, or;
- c) have been specifically requested by a client or an authority having jurisdiction.

LIGNES DIRECTRICES CONCERNANT L'UTILISATION DU SCEAU DES MEMBRES

UTILISATION DU SCEAU

L'utilisation du sceau est protégée en vertu de la *Loi sur les techniques du génie de 1986*. Le sceau peut être utilisé uniquement par les membres accrédités en règle. Le droit d'utiliser le sceau est un privilège accordé par la Société des techniciens et des technologues agréés du génie du Nouveau-Brunswick. Seul le sceau émis par la STTAGNB peut être utilisé. Ce privilège sera retiré si le sceau n'est pas utilisé de façon professionnelle.

APPOSITION DU SCEAU

Le sceau professionnel devrait être apposé de façon lisible et claire. Le sceau devrait être apposé sur tout document final, ébauche ou préliminaire préparé par le membre ou sous sa surveillance immédiate. La signature ordinaire du membre devrait apparaître clairement dans l'espace prévu. L'utilisation des initiales sans nom de famille n'est pas recommandée. La date de l'apposition du sceau, s'il y a lieu, devrait être indiquée.

DOCUMENTS DEVANT ÊTRE REVÊTUS DE SCEAU

En général, on peut exiger que le sceau soit apposé aux documents qui:

- a) transfèrent de l'information technique;
- b) ont un effet technique sur une tierce partie, ou;
- c) ont été demandés spécifiquement par un client ou une autorité compétente.

The Society of Certified Engineering Technicians and Technologists (SCETTNS)

SCETTNS has presented their fourth annual **Ray Fiske Award** scholarship of \$500.00 to Leanne Pyke. Leanne is the daughter of Gary Pyke, CET, a SCETTNS member since 1988.

The 1st Annual **Meloche-Monnex - SCETTNS Continuing Education Bursary** of \$1,000.00 was awarded to Roger Barakert, CET, a member since 1988 who is enrolled in a Bachelor of Technology program.



The Canadian Technical Employment Network (CTEN) is an online job posting and applicant screening service. It brings together certified engineering technicians and technologists and prospective employers.

CTEN is a specialized job board with more than 5,000 jobs posted and 10,000 candidate profiles posted in the last two years. Candidates who post profiles on CTEN have met academic and technical experience standards, creating a valuable database of résumés.

Employers can...

- Access a network of technology professionals, knowing that only qualified candidates will apply
- Post temporary, permanent, and contract employment opportunities
- Search and find candidates across Canada quickly
- Contact applicants directly
- Position your company in the market by employing competent technology professionals

CTEN makes it...

- Easy to review your postings before they go "live"
- Easy to modify current postings
- Easy to check your account status

Try CTEN today!

CTEN allows employers to select candidates with multiple skills and experience. If a qualified candidate is registered, you will see a summary of their skills and experience, along with other details they provide.

CTEN is updated daily with technical talent from across Canada.

CTEN is listed in top search engines, web directories, and web crawlers, including Netscape, Google, Yahoo, Excite, Infoseek, and Hotbot/Lycos. **CTEN** welcomes postings from companies of all sizes, and from executive recruiters, employment agencies, government departments, and other organizations. **CTEN** reserves the right to reject any job posting.

----- A single job posting lasting 60 days on CTEN costs \$75, which is far less than the cost of regular advertising and which is viewable immediately by members of NBSCETT and the nine other provincial certification organizations.

Ten postings cost only \$30 each and other bulk rates are also available.

Dear Geomatics Community:

The GIS Group at NBCC Moncton would like to take this opportunity to update you on the 32 week GIS Technician Post Diploma Program

(http://www.moncton.nbcc.nb.ca/civil/gis/Curriculum_Overview_Document.PDF)

WHAT'S HAPPENED

* In May of 2000, our curriculum was reviewed by a New Brunswick Geomatics Panel and many of their recommendations were implemented into the curriculum for 2001.

* In May of 2000, a Labour Market Analysis was completed and results showed that New Brunswick anticipates a total of 124 new GIS Technicians within the next 5 years.

* In September 2001, we attended Geomatics Atlantic in Halifax,

* Also in September, our course commenced its third year. Thanks to various organizations our students had a wide variety of cooperative industry projects to complete. The class of 2001, consists of 13 individuals with backgrounds in Engineering, Geography, Forest Management, Business, Psychology, Environmental Technology, for example.

WHAT'S PLANNED

* On November 14th, 2001, the college will be once again hosting an all day event celebrating international GIS DAY. All are welcome to drop in anytime throughout the day. To find out what's

being planned for your local area, or at the college see www.gisday.com

The Geomatics Industry in New Brunswick certainly is world class. To continue to strengthen and enhance our GIS Training efforts we would encourage your organization to become involved in our GIS activities so we can all benefit. The New Brunswick Community College Moncton is striving to educate your future GIS employees by being involved in the many areas of GIS around Atlantic Canada and abroad. Please feel free to contact the College directly or drop in on any of our planned GIS activities mentioned above. Please, forward this message to all who may be interested. We look forward to your visit.

GIS Group, NBCC Moncton

Sam Rideout, P.Eng. and Darren S. Llewellyn, P.Eng.

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Email: llewelda@moncton.nbcc.nb.ca

sam.rideout@gnb.ca

Web: www.moncton.nbcc.nb.ca/civil

Lat: 46° 06' 27.8" N Long: 64° 49' 47.8" W

Notice to AETTN Members of the 33rd Annual General Meeting

In accordance with the Constitution/By-Laws, Section 16, notice is hereby given to voting members of the Association of Engineering Technicians and Technologists of Newfoundland Inc. of the Annual General Meeting to be held:

October 6th, 2001- 9:00a.m. Albatross Hotel, Gander, Newfoundland & Labrador

For the purpose of approval of the 2000-2001 year end financial statements, appointment of Auditors for the year 2001 to 2002, Receipt of Council and Committee Reports and such other business as may properly be brought to the attention of the said Annual Meeting of Members. Registered members of the Association in good standing may exercise their voting rights under Section 19(b) of the Constitution/By-Laws and, by means of proxy.

Austin V. Sheppard, AScT - Registrar

Meet an ACETTPEI Member: Stephen Gould, CET

In 1999, the Canadian Technology Human Resources Board (CTHRB) published "Look Ahead Get Ahead." The publication contains a wealth of information geared towards the aspiring technician and technologist and includes dozens of career profiles. One of the career profiles, Food Chemistry Technologist, features ACETTPEI's very own Past President and CCTT Director, Stephen Gould, CET. We wish to thank the CTHRB for their kind permission to reprint the article for your enjoyment.

WATCHING THE WATCHMAN

In our society, we rely on scientific studies to tell us that our food is safe, our water drinkable, and our medications non-toxic. Yet how do we know if research results are accurate? Mistakes can happen and researchers make errors like the rest of us. As the ancient Romans used to say, who watches the watchmen? At the PEI Food Technology Centre in Charlottetown, Prince Edward Island, Stephen Gould's job is to do just that.

The Job

As a Food Chemistry Quality Assurance Coordinator, Stephen, 38, makes sure that the lab's instruments are properly calibrated so they give accurate results. He also develops standards and procedures for conducting experiments, ensures that lab technicians are accurately recording results, and audits the results of experiments to ensure the procedures are correctly followed. In addition, Stephen helps to develop and test new laboratory methods, as well as to run analyses on various samples. Working hands-on in the lab is one of the most exciting parts of his job, Stephen says. Very often, companies ask the Food Technology Centre to prepare a nutritional analysis of a food sample. The results - listing calories per portion, vitamins and minerals, fat

content, etc. - are then listed on the package. It's part of Stephen's job to set up and run such experiments.

Stephen is also currently helping to develop a new method to help researchers test water for pesticides. He is using a special material and a new set-up that may eventually allow researchers to test for pesticides directly from the suspect stream of water. "It's the problem-solving that makes my job so exciting," Stephen says. "Even when you're tracking down an error, there's a certain joy involved. And there has been a real attitude shift. People used to hide their mistakes, but now they are coming forward and saying when something isn't working. It makes the job easier."

The Journey

Stephen credits his technological training for giving him a broad background and many skills that have helped him during his career. "The training I received (at New Brunswick Community College) covered many areas, and helped me to find a position



where my talents could be well used." Stephen was attracted to the Chemical Engineering Technology program for two reasons: he was interested in chemistry and he liked the fact that after two years in school, he could be out looking for a job. During his college training, Stephen had to complete a research project which included lab analysis and a presentation of the results to his peers. "I learned where to get information when I need it."

After completing his diploma, Stephen worked as a laboratory technician, and then was hired as a Fisheries Research Technician at the Technical University of Nova Scotia. There Stephen met a professor who needed someone to help with his research, and help train Master's degree students in practical laboratory techniques. Eventually, he helped co-author a number of scientific papers. The professor then asked Stephen to work with him during the development stage of the PEI Food Technology Centre. Now, Stephen calls PEI home.

The Workday

Stephen estimates that he spends about 25 percent of his time at his computer developing and modifying standards and procedures. The majority of his time, however, is spent in the lab

Meet an ACETTPEI Member: Stephen Gould, CET.....continued

where he checks instruments and sets up and runs various experiments. Stephen is also helping the Food Technology Centre obtain its ISO 9001 certification, an internationally recognized symbol of industry Quality Control. "The certification process requires a lot of paper work," he adds ruefully.

It's rare that Stephen travels for his job, and then it's usually to attend workshops or other kinds of training programs. Stephen has been at his current job for 10 years, which he says is longer than average. But he says the day-to-day challenges keep the job interesting. Stephen's job has taught him many things, the most important of which is the need for documentation. In the lab, meticulous record keeping is the best way to prevent errors from going undetected. "Initially, it seemed like a pain to have to write everything down, but now I'm sold on it. In the lab, if you don't record something, it's like it didn't happen."

Despite the image of laboratories as solitary places, Stephen's job demands good interpersonal skills. "You have to be a people-person and know how to get along. You should be able to take responsibility for things, both the good and the bad, and give credit where credit is due," he says. For Stephen, the secret to his career - and his satisfaction with his job - rests on his belief that people must keep learning and building their skills. "You have to be like a sponge," he says, soaking up new information, ideas, and skills. "When you do that, it means that all of the windows are open for you."

There is a need to attract more young women and men to occupations in engineering technologies like electronics, mechanical engineering, chemical technology and industrial control technology as well as in a variety of trades. The camps were offered for young women as it was felt the opportunities for exposure to these industrial and manufacturing occupations are even slimmer for girls than boys.

A myriad of fun activities exposed the girls to various trades and technologies. The girls, donned in safety gear, did all of the assembly, sanding and painting for their customized soapbox car, preparing for race day, the finale of each two-week camp. "Shark Attack" was the name of the soapbox car made by 13-year-olds Jodi Dryer and Ellen Higgins. The car had sides cut to look like waves and was painted a deep, ocean blue.

While building and decorating their personally designed go-carts, the girls in each camp, acquired "hands-on" training in hand and power tools, computer-aided design, internet research, welding, painting, computer components, and web page creation. Added features of the camp included visits to local industrial sites to meet and talk to women in non-traditional careers and a morning at the Irving Nature Park learning about ecosystems.

Most of the girls agreed that they weren't sure whether they would seek out a career in a trade or technology area but as twelve-year-old Anneke Gates pointed out, she was happy to learn "things that can be handy in real life."

Girls exploring trades, technology (GETT) camps.

First in province.

The sounds of power tools and band saws coming from the carpentry shop are part of the usual workday at the New Brunswick Community College - Saint John. This summer the sounds were common but the sights were not. Instead of the young men, and sometimes women, that usually operate the power tools, this summer the tools were getting use from 12 and 13-year old girls.

During two 2-week camps 16 young women learned some valuable skills in several trades and technology areas. This was the first time in the province for the "Girls Exploring Trades and Technology" Camps or GETT Camps which were an initiative of NBCC-Saint John, **New Brunswick Women in Trades and Technology (NBWITT)** and the **Department of Training and Employment Development** which provided funding. Local business and industry provided generous donations and support that also contributed to the success of the camps.



Call for NBSCETT Council Nominations

On, or before, January 25 the Nominating Committee shall submit to the Registrar a list of nominees for each vacancy that is to be filled on Council. **Additional nominations** for any office or offices may be made in writing by any five (5) certified members. Such nominations shall reach the Registrar properly endorsed **not later than February 15**. Nominations submitted by the nominating committee or certified members must be accompanied by written consent of the nominee. Elections shall be conducted by mail ballot. The names of all persons nominated for office shall be placed on the ballot form in groups relating to each office. The number to be elected and method of marking ballots shall be made clear on the ballot form. Ballot forms shall be mailed to all Certified members not later than March 1. Each certified member is entitled to vote for as many candidates as there are vacancies to be filled or for a lesser number. The poll shall close at five o'clock pm on March 31 and no ballots received after that time will be considered.

The Society Council shall be composed of Councillors elected from the described six (6) Districts; in addition to an independent election for Officers from the certified membership. The maximum total Council membership shall be fourteen (14) individuals, including the provincial representative to the Canadian Council of Technicians and Technologists (CCTT) Board of Directors, and the Past President.

There shall be two (2) Councillors representing each of the Districts: Fredericton will include the complete counties of Carleton, York, Sunbury, and Queens; Saint John will include the complete counties of Charlotte, Saint John and Kings; Moncton will include the complete counties of Albert and Westmorland.

There shall be one (1) Councillor representing each of these Districts: Northeast will include the complete counties of Kent and Northumberland; North will include the complete counties of Gloucester and Restigouche; Northwest will include the complete counties of Madawaska and Victoria.

The Councillor for the North District shall be elected in that District to a two (2) year term in the even numbered calendar years; and the Councillors for the Northeast and Northwest Districts shall be elected in those Districts for two (2) year terms in odd numbered calendar years.

All candidates for election as Vice-President (or President Elect) shall have served as a Councillor within the five (5) years preceding their nomination.

No elected officer or councillor shall be entitled to hold the same office for more than two (2) consecutive terms.

Nominations are required for:

- Vice President
- Moncton Councillor
- North East Councillor
- North West Councillor

If you have any questions of Society By-Law, Rules of Council, participation in elections, or the governance processes, contact NBSCETT.

DALHOUSIE University Continuing Technical Education

Continuing Education Course (3670) - 298974

TCP/IP Systems Integration - November 19-21, 2001

The rapid growth of LANs has fueled the requirement for today's networking solutions to operate in a multiple host, multiple protocol environment on both local and wide area networks. TCP/IP is the protocol most often chosen to provide connectivity among systems which typically support unique protocols and its implementation is often the only available method for interoperability. This seminar will provide a brief introduction to networking technology, IEEE 802.3 Ethernet and the architecture of the TCP/IP family of protocols. As well, implementation considerations will be discussed to assist those who will be installing protocol stacks from different vendors including implementation of multiple protocols on one LAN adapter. TCP/IP based applications such as Telnet, FTP, NFS, and SMTP will be discussed and demonstrated in the classroom. This seminar will help you solve the problems of internetworking in a multiprotocol environment. In addition, you will discover why the communication industry is fascinated with TCP/IP.

Continuing Education Course (3672) - 298974

Internetworking Bridges, Routers & Gateways - December 10-13, 2001

This four-day hands-on class will define repeaters, bridges, switches, routers and gateways. Lab exercises will provide a better understanding of the installation and configuration of Cisco routers. The internetworking design issues are discussed with labs showing 56kbps, ISDN and T1 links. This hands-on seminar is focused on the planning, design, support and troubleshooting of network to network connections. The application and use of bridges, switches, routers and gateways is described in detail. Protocol analyzers will be used to understand and troubleshoot a router configuration. LAN to LAN exercises will use Ethernet hardware in the hands-on labs. Wide area network connections using X.25, frame relay, ISDN and T1 will be compared with emphasis on troubleshooting and optimization. Networks need to include remote branch offices and remote telecommuters. Lower cost switches and routers are making internetworking technologies more affordable. The network administrator needs to understand the LAN and the WAN operation to fully support their users.

Prerequisites: A basic understanding of LANs is assumed. Participants should have taken Hands-On LANs and TCP/IP or have equivalent courses or experience.

Continuing Education Course (3809) - 298974 **Environmental Project:**

Designing an Environmental Mngmt. System Based on ISO 14001
November 19-21, & December 3-5, 2001

Certificate Program in Environmental Management: This course is a compulsory component of the Certificate Program in Environmental Management. The certificate program provides a solid understanding of environmental management using engineering principles combined with environmental and human health hazard considerations. For program credit all five days must be attended plus the successful completion of assignments and take home examination. For further information on the program please contact Mary Meidell at 902-494-6060 or visit <http://www.cte.dal.ca/em.html>. Description: The purpose of the project course is to provide an opportunity for students to bring together their skills to solving an environmental problem. The perspective gained is not of a practitioner, but of a manager.

General Information

When and Where
Courses are held at Continuing Technical Education, 5269 Morris Street, Halifax, Nova Scotia, from 8:30 a.m. - 4:30 p.m.. Various levels of Continuing Education Units (CEUs) are awarded, based upon ten classroom hours per unit. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

To Register- ACT NOW! Registration is Limited!

PHONE Call Teresa Inacio toll-free 1-800-565-1179 or 902-494-6079 between the hours of 8:00 a.m. - 4:30 p.m. Atlantic Time.

FAX Fax registration form to: 902-423-9859 Email Teresa.Inacio@Dal.ca or, Mail registration form with fee to: Dalhousie University Continuing Technical Education, 5269 Morris Street, Halifax, Nova Scotia B3J 1B6 Info: Becky Grant- 902-494-3207 or, Mary Meidell- 902-494-6060.