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New Brunswick, Prince Edward Island, Nova Scotia and Newfoundland

THE CANADIAN COUNCIL OF TECHNICIANS AND TECHNOLOGISTS = PRESIDENT'S TASK FORCE

White Paper #1 -Voting Structure

An examination and recommendation to change the voting structure of meetings of the Canadian Council of Technicians and Technologists (CCTT) Board of Directors and Constituent Members, has been prepared by Jim Facette, Executive Director, CCTT, from the information 'as said' notes of the Task Force meeting, January 30-31, 2004

Task #1 – Voting Structure

The first session of the CCTT President's Task Force addressed the question of voting structure. It became the consensus view that the voting rules in the current by-laws are not being implemented and have caused confusion. Participants agreed that voting rules should be clear and easily understood yet at the same time address the competing interests of all constituent members.

The task force participants also discovered that the by-laws are not being followed in the strictest sense. It was also the consensus of the task force that the requirement for unanimous support of motions is unworkable and, in fact, historically has not been applied.

[see Task Force= page 2];

[voir Groupe de Travail du Président = page 4]

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This is your invitation to participate in the 36th NBSCETT/SttagN-B Annual General Meeting,

being held beginning Friday evening, April 23rd, with the **Past Presidents' Awards Banquet**, will include:

- recognition of the 25 year + members;
- presentation of the **Member Of The Year Award**;
- the **Presidents' Award** to an organization which has been noteworthy in their support of the Society;
- the 'swearing in' of newly certified members, and also introduction of new "Student member / membre Étudiant".

The Society's members meeting is at 10:00 am on Saturday, April 24, 2004.

A special banquet at 12 noon Saturday, will feature guest speaker **Ben Champoux, CMHC (details page 15)**; Followed by **two afternoon tours. (see details page 13 & 14)**

Tickets are \$30.00 per person, each event, for the Past Presidents' Awards banquet Friday, April 23, and the 12noon Banquet on Saturday, April 24th; and are available by contacting the NBSCETT office; payment accepted by cheque, cash, Visa or MasterCard. **Tickets must be purchased before Thursday, April 15th.**

All meetings & meals are at the Howard Johnson Brunswick Plaza Hotel, Highfield Street, Moncton.

Accommodations, \$89.00 = taxes, may be made by contacting the hotel, stating participation in the "NBSCETT AGM", 506-854-6340.

THE CANADIAN COUNCIL OF TECHNICIANS AND TECHNOLOGISTS = PRESIDENT'S TASK FORCE

White Paper #1 -Voting Structure

An examination and recommendation to change the voting structure of the meetings of the Canadian Council of Technicians and Technologists Board of Directors and Constituent Members. Prepared by Jim Facette, Executive Director, CCTT, February 12, 2004

Information drawn from 'as said' notes of the Task Force meeting, January 30-31, 2004

PRESIDENT'S TASK FORCE

Task #1 – Voting Structure

The first session of the President's Task Force addressed the question of voting structure. It became the consensus view that the voting rules in the current by-laws are not being implemented and have caused confusion. Participants agreed that voting rules should be clear and easily understood yet at the same time address the competing interests of all constituent members.

The task force participants also discovered that the by-laws are not being followed in the strictest sense. It was also the consensus of the task force that the requirement for unanimous support of motions is unworkable and, in fact, historically has not been applied.

CURRENT IDENTIFIED PROBLEMS WITH VOTING STRUCTURE

It was agreed that the problems with the current voting rules that govern both the board of directors and a meeting of the constituent members can be summarized in two categories: process and veto power.

I. PROCESS

The business of CCTT is conducted at two levels – the board of directors and the annual meeting of the constituent members. With the exception of the election of officers, regular business of the board of directors is voted on using a 2/3 majority of those casting ballots at a meeting of directors. However, if the items impact the content of a core program and related policies as set out in 7.1 of the by-laws, a unanimous approval is required from the board of directors. This requirement has not been strictly enforced at board meetings in the past.

The board of directors must also seek unanimous approval at a meeting of the constituent members for approval of the CCTT budget, changes to the membership fee structure, and the addition or elimination of CORE programs.

This means that most of the business of the board must

have unanimous approval to proceed. For example, the CCTT budget, after approval (2/3 vote) by the board of directors, must be approved (unanimously) at a meeting of the constituent members. The CCTT fiscal yearend is July 31st. If the board approves the budget in June for the following fiscal year, it will not go to the constituent members until late October or early November – three months into the new fiscal year!

Task Force participants recognized that this requirement is not always being followed; the requirement for unanimity is cumbersome and in the case of the budget, may be necessary. For matters such as the budget, the board of directors and officers are held accountable during the presentation of audited financial statements.

Section 7.1 of the by-laws states: "The content of these core programs and related policies will require unanimous approval of the Board." The task force agreed that such a requirement is unworkable and not practical. The task force also agreed that until the voting requirements of the by-laws are officially changed, the current voting requirements as stated in Appendix B must be followed.

2. VETO POWER

It was recognized by the task force that for various reasons all constituent members need protection of their minority interests. To make any change affecting core programs requires unanimous support of the constituent members. This effectively gives each province a veto power. It was the consensus of the task force participants that issues will come forward that not all directors or constituent members will agree to, but this should not paralyze the workings of CCTT. In fact, a healthy exchange of ideas, points of view and perspectives should be encouraged in order that CCTT may grow and adapt. It would be preferable if all major decisions should in fact be reached based on a consensus-building model.

During the course of the discussions, it became apparent to the task force participants that the interests of the constituent members could be balanced with the interests of the national body acting in all their respective interests if a mechanism could be developed that required a high level of endorsement but short of unanimity. Such a decision-making formula, based on a spirit of information exchange and consensus building, could serve for all business conducted by CCTT at either the board or the constituent member level.

The task force recommends two changes to the CCTT board of directors. The first is a change to the voting structure for meetings of both the board of directors and constituent members. The second is a change to what constitutes a quorum.

It is the consensus of the Task Force participants that CCTT change to a voting structure that requires a double majority for approving business and that there be a provision that ensures that no single province would in the future have the power of veto by virtue of the fact that it may represent a majority of certified members in Canada.

Contained in the appendix is a list of other options that were examined by the Task Force. Three of the options, numbers 5, 6, and 7, captured enough interest to warrant further research. The consensus reached by the Task Force was done so with a commitment from the CCTT president to begin further in-depth research of these other options before October 2005.

RECOMMENDATION #1

The task force recommends that the voting structure for meetings of the CCTT board of directors and that of its constituent members be changed to a double-majority system.

A double-majority system is defined as meeting the following four criteria:

- * One director/constituent member, one vote;
- * All items of business must have the support of 75% of directors/constituent members present at a duly constituted meeting; and
- * The 75% majority must represent at least 51% of the certified membership; and
- * The 51% representation of certified membership can not be represented by one constituent members.

This defined double majority system is built on the premise that all meetings of the board of directors and the constituent members will be conducted in a consensus-building environment and that this structure will be applied to all CCTT matters that require a vote.

RECOMMENDATION #2

The Task Force recommends that the definition of what constitutes a quorum as described in the by-laws be change to read as follows:

A quorum shall be 90 percent of directors/constituent members.

APPENDIX A

ADDITIONAL VOTING OPTIONS =

OPTION 2 - TWO-THIRDS MAJORITY OR SIMPLE MAJORITY CONCEPT

This option can be divided into two subsections: two-thirds majority and what is commonly referred to as a simple majority rule.

a. Two-thirds majority would require that 66%, or seven

directors/constituent members, must support a motion before it can be passed.

b. A simple majority would require that only 51%, or six directors/constituent members, must support a motion before it can be passed.

Both option 2a and 2b would respect the principle of one director/constituent member, one vote and that no one province, i.e. larger provinces, would have a veto.

OPTION 3 – 80% CONCEPT

Similar to option 2, 80% of the directors/constituent members would be required to support a motion in order for it to pass.

This would respect the principle of one director/constituent member, one vote and that no one province, i.e. larger provinces, would have a veto.

OPTION 4 – PROPORTIONAL VOTING CONCEPT

Under proportional voting, each province would be weighted on votes of the board of directors and that of constituent members. One person would do the voting at the board or constituent member meeting.

The participants felt that under this option a motion would need the support of 70% of the total eligible votes.

This option would give proportionally more votes to the large provinces.

OPTION 5 – REGIONAL VOTING CONCEPT

This option would be a radical change from current practices or anything that has been used in the past. This voting structure for director meetings and that of constituent members would assign one vote per identified region. A simple majority rule for the vote calculation would then be used.

A radical change from the current constitutional make-up of CCTT, it would require some form of agreement on the number of regions and could lead to regional divisions.

OPTION 6 – REPRESENTATION BY POPULATION

This option also represents a significant change from the current practice. It did however incite some interest. The “population,” defined as certified members (individuals), would be divided into regions, perhaps 10, and directors on the CCTT board would be voted to the board from the “grassroots.” This option is similar to the way political voting boundaries are organized.

A meeting of the directors/constituent members would use some form of majority voting structure.

OPTION 7 – DIRECTOR MEMBERSHIP

Representing another significant change, this option did incite interest. Initial discussion of this option would see a board of directors accountable to individual technicians and technologists. Individual members could be members of both the national and provincial organization (this concept is used by the legal profession).

The task force did not discuss a particular voting structure under this option because it represented some fundamental changes.

OPTION 8 – CURRENT BY-LAWS

This option should be labeled “status quo” as per the existing by-laws. However as noted earlier, the task force opined that as current by-laws governing voting are not often followed, the term does not apply.

There was a consensus that strictly following the current by-laws is complex and unworkable.

OPTION 9 – CURRENT PRACTICE

The task force took note of the current practice of it respecting the principle of one director, one vote and that not always strictly following by-laws procedures can be more practical. Participants did note that it appears that, with the exception of budget and fees, votes were done using a two-thirds system. Such a structure is provided for under the current by-laws, however the missed step occurs when items that affect content of core programs are not sent to a vote of the full constituency membership.

APPENDIX B

VOTING PROCESS OF THE BY-LAW 2 OF CCTT

Section 7.1 Core Programs

“The content of these core programs and related policies will require unanimous approval of the Board, with advance notice being given as outlined in Article 8.3 for the By-law or the fee structure of the CCTT.....”

Section 8.10.4 Notwithstanding the above, issues dealing with:

“The By-law, addition or elimination of Core Programs, CCTT Budget/Fees which are normally decided at the annual meeting of the Constituent Members shall require a unanimous vote of the Constituent Members.”

Section 9.7 Voting at meetings of the Board

“Unless otherwise specified by the Act or this by-law, all voting will be based on a two-thirds majority of all the constituent Members, whose votes will be cast by their appointed Directors.”

“The election/appointment of Officers, which normally occurs at a meeting of the Board shall require a majority of the Constituent Members represented by their appointed Directors.”

Section 10.2 Election and appointment of Officers

“Officers of the CCTT shall be elected by a majority vote of all the Directors.”

Section 10.9 Removal

“Any officer of the CCTT may be removed at any time by resolution of the Board, approved by at least two-thirds majority vote of all Directors at any meeting.”

Section 11.3 Removal

“Any Board/Committee member may be removed at any time by resolution of the Board, approved by at least a two-thirds majority of all Directors at any meeting.”

Section 13.2 Budget Approval

“The budget shall not become effective until such time as it is approved at the Annual or a Special Meeting of the constituent Members.”

Section 15.2 Powers to Invest

“The Board shall have power from time to time by two-thirds majority vote to invest or have invested the monies of the CCTT not immediately required for the purposes of the CCTT in securities.”

Section 16.1 Auditor

“The Constituent Members, by resolution passed by at least a two-thirds majority vote cast at a special meeting of the CCTT of which notice specifying the intention to pass such resolution was given, may remove any auditor before the expiration of his term of office, and shall by a two-thirds majority vote cast at that meeting appoint another auditor for the remainder of the term.”

DRAFT - 5 - February 12, 2004

LE CONSEIL CANADIEN DES TECHNICIENS ET TECHNOLOGUES (CCTT)
GROUPE DE TRAVAIL DU PRÉSIDENT

Livre blanc no 1 – Structure de vote

Un examen de la structure de vote et une recommandation de changer la structure de vote des assemblées du conseil d'administration et des membres constituants du Conseil canadien des techniciens et technologues = Préparé par Jim Facette, Directeur général, CCTT, 12 février 2004; Informations tirées des notes de la réunion du Groupe de travail 30-31 janvier 2004

GROUPE DE TRAVAIL DU PRÉSIDENT

Tâche n° 1 - Structure de vote

Lors de sa première séance, le Groupe de travail du président s'est penché sur la question de la structure de vote. Le groupe considère que les règles de vote actuelles ne sont pas appliquées et qu'elles entraînent une certaine confusion. Les participants ont convenu que les règles de vote devraient être claires et compréhensibles, tout en conciliant les intérêts divers de tous les membres constituants.

Les participants du groupe de travail ont également constaté que les règles ne sont pas suivies dans leur sens le plus strict. De plus, l'appui unanime de points à l'ordre du jour n'est pas réaliste et l'unanimité n'a d'ailleurs pas été appliquée historiquement.

PROBLÈMES LIÉS À LA STRUCTURE DE VOTE ACTUELLE 2.

On a convenu que les problèmes liés aux règles de la structure de vote actuelle qui régissent les assemblées du conseil d'administration et des membres constituants peuvent être résumés en deux catégories: le processus et le droit de veto.

I. LE PROCESSUS

Les affaires du CCTT sont menées à deux paliers: le conseil d'administration et l'assemblée annuelle des membres constituants. À l'exception de l'élection des officiers, les sujets réguliers du conseil d'administration sont votés avec une majorité de 2/3 des votes à l'assemblée du conseil d'administration. Cependant, si les sujets qui doivent être soumis au vote affectent le contenu d'un programme fondamental et des politiques afférentes tel que stipulé à l'article 7.1 des règlements, il faut alors l'approbation unanime du conseil d'administration. Cette règle n'a pas été rigoureusement suivie lors des assemblées du conseil passées.

Lors des assemblées des membres constituants, le conseil d'administration doit aussi obtenir une approbation unanime pour le budget du CCTT, les changements au barème des cotisations des membres et l'ajout ou l'annulation de programmes fondamentaux.

Autrement dit, la plupart des points à l'ordre du jour du conseil doivent recevoir une approbation unanime. Par exemple, le budget du CCTT, après l'approbation (2/3 des votes) du conseil d'administration, doit aussi être (unanimement) approuvé lors d'une assemblée des membres constituants. L'exercice financier du CCTT se termine le 31 juillet. Si le conseil approuve un budget en juin pour l'exercice suivant, le budget ne sera pas soumis au vote des membres constituants avant la fin octobre ou le début novembre, soit trois mois après le début de l'exercice!

Les participants à la réunion du Groupe de travail ont reconnu que cette exigence d'unanimité n'est pas toujours respectée. Or, bien que cette règle d'unanimité soit incommode, elle peut être nécessaire dans le cas du budget. Pour les questions comme le budget, le conseil d'administration et les officiers sont tenus responsables lors de la présentation des états financiers vérifiés.

L'article 7.1 des règlements stipule: « Le contenu de ces programmes fondamentaux et des politiques afférentes requiert l'approbation unanime du Conseil. » Le Groupe de travail a convenu que cette exigence n'est ni réaliste ni pratique. Le Groupe de travail a également convenu que d'ici à ce que la procédure de vote des règlements soit officiellement changée, les règles de vote énoncées à l'annexe B devront être suivies.

LE DROIT DE VETO

Le Groupe de travail a reconnu que pour diverses raisons, les intérêts minoritaires de tous les membres constituants doivent être protégés. Pour apporter tout changement à un programme fondamental, il faut l'appui unanime des membres constituants, ce qui donne en fait un droit de veto à chaque province. Les participants à la réunion du Groupe de travail ont convenu que certaines questions ne peuvent pas faire l'unanimité des administrateurs et des membres constituants, mais qu'une telle situation ne devrait pas paralyser le CCTT. En fait, un sain échange d'idées, de points de vue et de perspectives devrait être encouragé pour que le CCTT puisse évoluer et s'adapter. Il serait préférable que toutes les décisions importantes soient prises selon un modèle qui encourage et qui favorise le consensus.

Lors des discussions, il est devenu apparent aux membres du Groupe de travail que les intérêts des membres constituants pourraient être équilibrés avec les intérêts de l'organisation nationale agissant dans leurs intérêts respectifs si l'on adoptait un mécanisme qui assurerait un niveau d'acceptation élevé sans nécessairement exiger l'unanimité. Une telle formule de prise de décision, basée sur un esprit d'échange d'informations et de recherche de consensus, pourrait être employée pour toutes les affaires du CCTT, que ce soit au niveau du conseil ou des membres constituants.

Le Groupe de travail recommande deux changements au conseil d'administration du CCTT. Le premier serait apporté à la structure de vote pour les assemblées du conseil et celles des membres constituants. Le second modifierait la notion du quorum.

Les participants au Groupe de travail recommandent que le CCTT modifie la structure de vote afin qu'une double majorité soit requise pour approuver les points à l'ordre du jour et qu'une disposition soit prévue pour qu'aucune province seule ne puisse opposer son veto en vertu du fait qu'elle représente une majorité de membres agréés au Canada.

L'annexe présente une liste d'autres options qui ont été examinées par le Groupe de travail. Trois de ces options, soit les options 5, 6 et 7, ont suscité suffisamment d'intérêt pour mériter une étude plus approfondie. Le consensus auquel le Groupe de travail est arrivé est appuyé par l'engagement du président du CCTT d'entreprendre une étude plus détaillée de ces options d'ici octobre 2005.

RECOMMANDATION N° 1

Le Groupe de travail recommande que la structure de vote des assemblées du conseil d'administration du CCTT et de celles de ses membres constituants soit changée par l'adoption d'un système de double majorité.

Un système de double majorité répond aux quatre critères suivants:

- un vote par administrateur/membre constituant;
- l'adoption d'un point à l'ordre du jour doit recevoir l'appui de 75 % des administrateurs/membres constituants présents à une assemblée dûment constituée;
- la majorité de 75 % doit représenter au moins 51 % des membres agréés;
- la représentation de 51 % de membres agréés ne peut pas être représentée par un seul membre constituant.

Ce système de double majorité repose sur le principe que toutes les assemblées du conseil d'administration et des membres constituants se déroulent dans un environnement qui favorise le consensus et que cette structure sera appliquée à toutes les questions du CCTT qui requièrent un vote.

RECOMMANDATION N° 2

Le Groupe de travail recommande que la définition de ce que constitue un quorum tel que décrit dans les règlements soit modifiée comme suit:

Un quorum est représenté par 90 % des administrateurs/membres constituants.

ANNEXE A

AUTRES OPTIONS DE VOTE

OPTION 2 - CONCEPT DE LA MAJORITÉ DES DEUX-TIERS OU MAJORITÉ SIMPLE

Cette option peut être divisée en deux parties: la majorité des deux-tiers et ce que l'on appelle communément la règle de la majorité simple.

a. Une majorité des deux-tiers exigerait que 66 %, soit sept administrateurs/membres constituants, appuient une motion pour qu'elle soit adoptée.

b. Une majorité simple exigerait que 51 %, soit six administrateurs/membres constituants, appuient une motion pour qu'elle soit adoptée.

Les options 2a et 2b respecteraient le principe d'un vote par administrateur/membre constituant et assureraient qu'aucune province seule (les plus grandes provinces) n'ait le droit de veto.

OPTION 3 - CONCEPT DES 80 %

Suivant le principe de l'option 2, il faudrait que 80 % des administrateurs/membres constituants appuient une motion pour qu'elle soit adoptée.

Cette option respecterait le principe d'un vote par administrateur/membre constituant et assureraient qu'aucune province seule (les plus grandes provinces) n'ait le droit de veto.

OPTION 4 - CONCEPT DU VOTE PROPORTIONNEL

Dans une structure de vote proportionnel, chaque

province aurait un vote pondéré aux assemblées du conseil d'administration et des membres constituants. Une personne voterait aux assemblées du conseil d'administration ou des membres constituants.

Les participants considèrent que cette option nécessiterait 70 % des votes admissibles pour l'adoption d'une motion.

Cette option donnerait proportionnellement plus de votes aux plus grandes provinces.

OPTION 5 - CONCEPT DU VOTE RÉGIONAL

Cette option représente un changement radical par rapport aux pratiques actuelles ou à tout autre mode de vote employé dans le passé. La structure de vote pour les assemblées des administrateurs et des membres constituants attribuerait un vote par région désignée. La règle de la majorité simple pour le calcul du vote serait alors employée.

Comme cette structure de vote représenterait un changement radical à la structure constitutionnelle du CCTT, il faudrait une certaine forme d'entente sur le nombre de régions, ce qui pourrait mener à des divisions régionales.

OPTION 6 - REPRÉSENTATION PAR POPULATION

Bien que cette option représente un changement important par rapport à la pratique actuelle, elle a néanmoins suscité un certain niveau d'intérêt. La « population », c'est-à-dire le nombre de membres agréés (individus), serait répartie par régions (10 régions, par exemple), et les membres du conseil du CCTT seraient élus par les membres agréés. Cette option est semblable à la manière dont les régions électorales politiques sont organisées.

Les assemblées des administrateurs/membres constituants utiliseraient une forme de structure de vote par majorité.

OPTION 7 - ADHÉSION DES ADMINISTRATEURS

Représentant un autre changement important, cette option a également suscité de l'intérêt. Selon les discussions initiales, le conseil d'administration serait imputable envers les techniciens et technologues individuels. Les membres individuels pourraient être membres de l'organisation nationale et de l'organisation provinciale (ce concept est employé par la profession juridique).

Le Groupe de travail n'a pas discuté d'une structure de vote particulière pour cette option parce qu'elle représenterait des changements fondamentaux.

OPTION 8 - RÈGLEMENTS ACTUELS

Cette option représenterait le statu quo de la situation actuelle. Mais comme nous l'avons noté plus tôt, le Groupe de travail considère que les règles de vote actuelles ne sont souvent pas suivies. Le principe du « statu quo » ne s'applique donc pas.

Le Groupe de travail a convenu qu'il est trop

compliqué et irréaliste d'adhérer strictement aux règlements actuels.

OPTION 9 - PRATIQUE ACTUELLE

Le Groupe de travail a pris note que la pratique actuelle respecte le principe d'un vote par administrateur mais qu'il est peut-être plus pratique de ne pas toujours strictement suivre la procédure établie par les règlements. Les participants ont aussi noté qu'il semble qu'à l'exception du budget et des cotisations, les autres questions sont votées selon la majorité des deux-tiers. Cette structure est prévue par les règlements actuels mais une étape est sautée lorsque des questions qui affectent le contenu de programmes fondamentaux ne sont pas soumises au vote de tous les membres constituants.

ANNEXE B

PROCESSUS DE VOTE DU RÈGLEMENT N° 2 DU CCTT

Article 7.1 - Programmes fondamentaux

« Le contenu de ces programmes fondamentaux et des politiques afférentes requiert l'approbation unanime du Conseil. Un préavis doit être donné tel que stipulé à l'article 8.3 pour le règlement ou le barème des cotisations du CCTT... »

Article 8.10.4 - Nonobstant ce qui précède:

« Le règlement, l'ajout ou l'annulation de programmes fondamentaux, le budget du CCTT et les cotisations qui sont normalement décidés lors de l'assemblée annuelle des membres constituants, devront recevoir le vote unanime des membres constituants. »

Article 9.7 - Vote aux assemblées du Conseil

« Sauf indication contraire dans l'Acte ou ce règlement, tout vote est soumis à la règle du vote majoritaire des deux-tiers de tous les membres constituants représentés par leurs administrateurs désignés. »

« L'élection et la nomination d'officiers, qui sont normalement tenues lors de l'assemblée du Conseil, requièrent la majorité de tous les membres constituants dont les votes sont représentés par leurs administrateurs désignés. »

Article 10.2 - Élection et nomination d'officiers

« Les officiers du CCTT sont élus par vote majoritaire de tous les administrateurs. »

Article 10.9 - Révocation

« Tout officier du CCTT peut être révoqué en tout temps par résolution du Conseil, laquelle résolution doit être approuvée par au moins deux-tiers de tous les administrateurs présents à une réunion. »

Article 11.3 - Révocation

« Tout membre du Conseil ou d'un comité peut être révoqué en tout temps par résolution du Conseil, laquelle résolution

doit être approuvée par au moins deux-tiers de tous les administrateurs présents à une réunion. »

Article 13.2 - Approbation du budget

« Le budget ne peut entrer en vigueur tant qu'il n'a pas été approuvé lors de l'assemblée annuelle ou d'une assemblée extraordinaire des membres constituants. »

Article 15.2 - Pouvoirs d'investissement

« Le Conseil peut, de temps à autre et tel qu'autorisé par deux-tiers des votes des administrateurs, d'investir les fonds du CCTT qui ne sont pas immédiatement requis pour ses activités dans des titres de placement. »

Article 16.1 - Vérificateur

« Les membres constituants, par résolution adoptée par au moins deux-tiers des votes lors d'une assemblée extraordinaire du CCTT et pour laquelle un avis précisant l'intention d'adopter une telle résolution a été donné, peuvent révoquer un vérificateur avant la fin de son mandat et nommer un autre vérificateur pour la durée restante du mandat. »

PROJET - 5 - 12 février 2004

All donations to the **Technology Foundation – Charité Technologie** are tax deductible.

NBSCETT / SttagN-B By-Law 17

TECHNOLOGY FOUNDATION - CHARITÉ TECHNOLOGIE

The **Technology Foundation - Charité Technologie** ("the Foundation") is established by the Society to promote the training and education of members and prospective members by providing scholarships, bursaries, grants, or financial assistance to persons attending or proposing to attend any school, college, or university, and undertaking or proposing to undertake any Engineering / applied science technology diploma study in New Brunswick or elsewhere, in programs acceptable to the Foundation. The Foundation may solicit, receive and accept all manner of contributions, gifts, bequests and legacies from any person, firm or corporation.

I, _____,

(print name)

hereby direct that my donation of \$ _____ be held by the Technology Foundation/ Charité technologie Inc. [Registered Charity #866482334RR0001] for a period of not less than ten (10) years in compliance with subsection 149.1 (1) (e) (B) of the Income Tax Act.

X: _____ Mbr #: _____

date: _____

ACETTPEI Council (2003-2004)

President	Ross Barnes C.E.T.
Vice President	Brian McLellan C.E.T.
Past President	Stephen Gould C.E.T.
Councillor	Brian Fleming A.Sc.T.
Councillor	Melanie Blue C.E.T.
Councillor	Mary Morrison C.E.T.
Councillor	Kelly Kieran C.E.T.
Registrar	Steve Campbell C.E.T.
Treasure	Delbert Reeves C.E.T.
CTAB Representative	Rosemary Terris C.E.T.
CCTT Director	Stephen Gould C.E.T.
Secretary = Vacant	

Notice for a Secretary:

ACETTPEI Council is in need of a Secretary.

Responsibilities of this person is take minutes of meetings and provide a copy at the next meeting, (meetings are about once a month), assist Council members, assist with Annual General Meeting and remind members of meeting dates.

No experience is necessary, and any Certified Members interested please contact a Council member, or at our number below.

New members are welcome to apply for this post.

ACETTPEI
P.O. Box 1436
Charlottetown, PE CIA 7N1
Tel: (902) 892-TECH (8324)

NBSCETT coffee mugs

\$5.00/ each;

or, six for \$25.00.

+ postage & handling
\$5.00 (No HST)



**The perfect professional gift for your desk....
....or,for the desk of that person
you want to remember YOU !**

ACETTPEI shirts, mugs, pens and brief case.

As part of a new promotional program ACETTPEI in addition to the ring, (which is available only for fully registered members), we now offer to all our members embroidered golf shirts in the latest fashions, mugs, pens, brief cases and other clothing with our logo screen printed or embroidered on them. As well, anyone with their own personal items can have them screen printed or embroidered with ACETTPEI's Logo.

Rings are \$50 (Certified Members only)

Mugs are \$5 each, 4 for \$20 or 6 for \$25, makes a great gift.

Golf shirts and other clothing (shorts, gym pants etc) the prices vary depending on style ordered.

Please contact us for prices at:

ACETTPEI, P.O. Box 1436, Charlottetown, PE CIA 7N1

Tel: (902) 892-TECH (8324) Email: Info@peiscet.pe.ca

ACETTPEI Merchandise



Information presentations available to employers, managers & staff

If you, your company, or community organization want to know more about the internationally recognized and inter-provincially accepted designations CTech, CET and ASCT, "nationally accredited post-secondary programs", the standards for certification, certified members' role in education, and the relationship and benefits to industry and career advancement; a presentation (*english or french*) is available; and will be as in-depth and detailed as requested. Contact NBSCETT/SttagN-B. The presentation can be from 20 minutes to two hours.

Members' input is needed....

Articles, photographs, technical papers, "letters to the editor", are all items which are needed to make the AtlanTECH bigger and better (*as well as carrying your organization's advertising message to more than 3,000 decision makers!*) You can send in a short note about "how your company did something better: such as, - environmentally; safer; less expensive; better team processes"; maybe send in a technical report about your hobby; or, how about a 'photo essay' showing a technical situation/solution, or an opinion letter about a technical/technological issue. **The AtlanTECH is published for *the technology professionals in Atlantic Canada* four times each year, so you can send in that material today!** (use either WP, Word, .txt, via e-mail, with "article for AtlanTECH and your name in the "Subject".)

send to: nbscett@nbscett.nb.ca

Thank you for your support.

NBSCETT's annual membership renewal fees are due on January 1st of each new year, and valid through to December 31st of each year. **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 resumé / 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.

1-866-260-8442

Maritime Life



Authorized Insurance
Representative Sickness,
Accident and Health
Insurance Program



CANADIAN COUNCIL OF PROFESSIONAL ENGINEERS
CONSEIL CANADIEN DES INGÉNIEURS

James M. Blanchet
Clark Administrative Consultants Ltd.
126 Duke Street
Saint John, New Brunswick E2L 1N6
(506) 634-7050 1-800-565-7050
Fax: (506) 634-6371
kathy@clarkadmin.ca

2004 SYMPOSIUM ON SAFETY

May 12, 13, 14, 2004

Ramada Plaza Hotel, Crystal Palace, Moncton, NB

The NB Safety Council Inc. will be holding a two-day conference to bring together representatives from industry, construction, business government and the general public to discuss hot topics in Health, Safety and Accident Prevention.

This year a new addition: the first St. John Ambulance First Aid Competition, May 12.

For more information / exhibitors package, contact

NBSC # (506) 458-8034;

1-877-762-7233 (7NBSAFE)

info@nbsaafety.com

<http://www.nbsafety.com>

AtlanTECH

c/o NBSCETT, 115 - 535 Beaverbrook Court

Fredericton NB E3B 1X6

Tel: (506) 454-6124 Fax: (506) 452-7076

E-mail: nbscett@nbscett.nb.ca

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.

ACETTPEInews.....

**ACETTPEI Annual General Meeting
at Rodd Charlottetown, PEI
Thursday April 22, 2004.**

Social to start at 6:15pm, with a buffet dinner at 7pm. Open to all members of ACETTPEI.

This years **guest speaker is Mr. Brian McMillian, Vice President of Holland College**, who will be speaking about the skill shortage in Canada, and how Holland College is meeting the challenge.

Those planning to attend, please call our office at 892-8384 or email us at info@acettpei.ca to confirm your attendance no later than April 12th, 2004

We look forward to seeing you there.

ACETTPEI would like to thank those members who have responded to our call for volunteers to sit on the Board of Examiners. An orientation session is being scheduled for May, we will keep you posted to a date and time when it is confirmed. There are still seats available to anyone else who would like to join, please contact us at 892-8384 or email us at info@acettpei.ca. We look forward to hearing from you.

ACETTPEI is still looking for a secretary, anyone interested please give us a call. The responsibilities include recording the minutes of council meetings, sending notices to council of upcoming meetings. etc., experience is not needed. Anyone one interested please contact us at 892-8384 or email us at info@acettpei.ca. We look forward to hearing from you.

Brian McLellan, C.E.T.

ACETTPEI ViePresident - email: brian@idrafting.com

**Call for Applied Science and Engineering Technology
Accreditation Team Leaders and Program Evaluators
NSCETT/SttagN-B=Provincial Accreditation Board (PAB)**

TEAM LEADER / PROGRAM EVALUATOR

The Provincial Accreditation Board (PAB) of the New Brunswick Society of Certified Engineering Technicians and Technologists (**NBSCETT**) and the Canadian Technology Accreditation Board (**CTAB**) of the Canadian Council of Technicians and Technologists (**CCTT**) are seeking technology professionals from industry, government and academic sectors to serve as team leaders and program evaluators to assist in accrediting Applied Science and Engineering Technology programs at Canadian colleges/ Canadian Forces Schools of Military Engineering..

Participation in the national accreditation process is a joint effort carried out by CTAB, the constituent member associations/societies of the CCTT and other accreditation partner organizations such as the Canadian Society for Chemical Technology (CSCT). This activity depends on the efforts of motivated and qualified professionals and the support provided by their employers.

Volunteering time to the National Accreditation Program provides certified members of the profession the opportunity to contribute to the achievement of high quality educational standards of applied science and engineering technology programs.

CTAB is a standing board of CCTT. CTAB's purpose is to promote the advancement of applied science and engineering technology education. CTAB also assists academic institutions in planning their educational programs. CTAB, in partnership with NBSCETT and sister provincial associations and societies of CCTT, has accredited approximately 158 programs at 39 institutions across the country.

Application/Participation for Program Evaluator

Evaluator candidates are required for accrediting programs in all thirteen global disciplines of applied science and engineering technology training programs and certification. Participation in the national accreditation process by talented certified professionals will ensure that the requirements of industry and academics are addressed. Employer sponsorship and support is crucial for the recruitment of team leaders and program evaluators. Expenses related to training and accreditation visits are reimbursed by CM/CTAB. Prior to participation in accreditation visits, selected team leaders and program evaluators are required to attend a CM sponsored one-day training seminar.

APPLICATIONS /request information contact:

NBSCETT / SttagN-B

115 -535 Beaverbrook Court

Fredericton, NB E3B 1X6

Email: nbscett@nbscett.nb.ca

Attn: Edward F. Leslie, CAE

Emerging Talent Shortages Could Bring Commerce To Its Knees — U.S. Expert Tells Canadian Conference

Opinion poll confirms that the two most critical issues are skills shortages in key occupational areas and underutilization of human resources

The fuel shortages of the 1970's that brought North American commerce to its knees will seem like a walk in the park compared to the talent shortages that are now emerging in the workforce, says an American expert at the CTHRB Human Resources conference in Ottawa.

"When you run out of skilled labor, you run out of the fuel that makes capitalism work," says Peter Weddle, an international authority on human resources issues. Mr. Weddle was the keynote speaker at Mini-Symposium "**Creating Our Collective Action Plan**", held in December. "We are now facing a war for the best talent, and our H.R. leaders are not yet prepared to fight that war." Mr. Weddle's concerns are confirmed by a November online opinion poll run by the Canadian Technology Human Resources Board (CTHRB).

Asked to prioritize **the leading issues facing Canadian H.R. professionals, the top two were "Skill shortages in key occupational areas" (41%), and "Underutilization of human resources" (41%).**

"This confirms that Canadian organizations are already beginning to strangle," said CTHRB Executive Director Bob Cook. "The urgency of the concern with the underutilization of sections of our workforce such as women would not have emerged unless organizations were beginning to feel the effects of a talent shortage".

Illustrating the underutilization of talent, the Mini-Symposium featured guest speaker Ivy Zheng, an engineer with the Chinese space program who left China to get a better life in Canada. "Her job in Toronto, after two years of searching, is to make cinnamon buns in the subway," said Mr. Cook. "This is perhaps **Canada's greatest single flaw and most pressing issue today: we are wasting our most precious resource — brainpower — at a time when talent is in short supply**".

"The CEO's and the H.R. managers are not following the same scorecard," agreed David Perry, Managing Partner of Perry-Martel International and incoming Chair of the CTHRB. "In a recent Survey, we found that Executives are continually looking for people with the kind of strategic qualities that can advance their business, while their hiring staff has a very different set of tactical standards for the candidates they think the company needs."

"Human Resources professionals today are fighting a war for relevancy, where they must move from a position of being under-recognized and under-utilized, to a new plateau where their value has been raised and they are recognized as leaders, not managers," concurred Mr. Weddle. "The survival issue for HR professionals today is: How do they enhance their own contribution? HR professionals are facing an upheaval in the talent situation, but their efforts to move forward are being handicapped by a world view that has not changed. The past war for *any* talent is now a war for the *best* talent. Finding professionals who have either rare skills or rare capabilities is now the key to organizational success. HR professionals can only win this war by transforming themselves into *strategic leaders* within their organizations." Peter Weddle has pioneered such concepts as *Human Capital, Career Fitness and the Internet* as a resource for recruiting and HR management. Mr. Weddle has written seven books, edited six others and published dozens of articles; and has appeared in publications or TV shows as *CBS This Morning, The Today Show, Bloomberg Financial News, The New York Times, The National Business Employment Weekly, The Washington Post, The Boston Globe, U.S. News & World Report, and USA Today*.

"Canada faces a crises in its workforce — a crises brought on by converging, disturbing trends," concluded Mr. Cook. "In the next few years, for example, almost half of our technicians and technologists will retire. The "employment gap" will need to be filled by those currently underutilized, yet no coordinated plan exists to encourage them to join the workforce. We need HR leaders who can hire the best talent, and develop the supporting infrastructure of skilled workers." Information on Peter Weddle can be found at www.weddles.com

A copy of the CTHRB conference agenda/materials can be obtained from www.CTHRB.ca

.... from ED's desk

It is important to note that the payment deadline of membership renewal is March 31st.. The renewal invoice notices were sent to the databank addresses on file, during the first week of November. The annual fee is due by December 31st, and a late fee of \$50 will be assessed to Certified and Associate members on January 31st; and Membership 'in good standing' deadline is March 31st. I'm looking forward to meeting new members, and renewing acquaintances at the 36th Annual General Meeting, Friday evening, April 23, '04, beginning with the Past President's Banquet and 'swearing in' ceremony, and the Members' Business Meeting, Saturday, April 24, 2004, at the Howard Johnson Moncton Plaza Hotel, Highfield Street.



*Edward F. Leslie, CAE
Executive Director*

The Society would like to be much more efficient with your membership dues.

It is suggested that beginning in September 2004, the AtlanTECH newsletter will be forwarded via e-mail in .pdf format to all members, or, simply a URL address notice will be sent to all members notifying them of a new issue to be viewed/downloaded at the website. Please notify the office of your concerns, should you NOT agree with this initiative.

Thank you for your consideration.

La Société tient B faire le meilleur usage possible de vos cotisations.

En ce sens, il est proposé que, B partir de septembre 2004, le bulletin AtlanTECH soit distribué B tous les membres par courriel en format .pdf ou par simple envoi d'une adresse URL indiquant oJ trouver le dernier numéro pour consultation ou téléchargement. Si vous n'Ltes PAS d'accord avec cette façon de faire, veuillez nous le faire savoir au bureau.

Merci de votre coopération.

Please remember we need all members to notify the Society when they have changed something in their profile situation: --- either they have changed employers, changed offices, become retired, become unemployed, or most importantly changed residence or phone numbers. Please consider: as the only information the Society has for contact to the members, is the information which we trust to be maintained appropriately by the professional members themselves = therefore if we can not contact you, there is vital information not getting to you! All members in all membership categories, and applicants are urged to remember to call/ fax/e-mail the respective Society office at their earliest convenience should they have any questions of activities, processes and/or policies ;.. our answering machine is on all the time.

Please; send us your E-address NOW! Thank you.

Remember to use your designation whenever you sign your name = you've earned it; be proud!

Under authority of the *Engineering Technology Act / Loi sur les techniques du genie* the following motions were accepted by the NBSCETT 2003 Council:

CM#03-49

Acceptance to remove from By-laws the annual approval requirement for associate and TGIT members was Moved and Seconded (P. Miller/ D. Bélanger) as presented. Carried

CM#03-34

Upon request of this membership by qualified students of the New Brunswick Community Colleges (NBCC-CCNB), and payment of applicable fees [of \$10.00 (**CM#03-24**)], the Society shall prepare a [bilingual] certificate stating that "Student Membership/Membre étudiant is granted to... name... and, is valid during enrollment in the applied science/engineering technology programs of the New Brunswick Community College."; and, the only benefit of this student membership category shall be regular complementary publication/Society information material distribution.

Acceptance of a By-law to be put in place within the membership category for the student membership was M/S (D. Sheaves / T. Scammell) as presented. Carried

NBSCETT AGM "Tours" details: The Moncton Water Treatment facility tour (after the UdeM visit) will be guided by Manger, Rick Bennett.

Survol

En avril 1998, la Ville de Moncton, au Nouveau-Brunswick, a établi le premier grand partenariat public-privé du Canada en matière de filtration d'eau potable avec USFilter Operating Services (USFOS). Cette entente de vingt ans prévoit le financement, la conception, la construction, l'exploitation et l'entretien d'une usine de filtration d'eau potable de classe IV de 25 mgd.

Avant la mise en service de l'usine à l'automne 1999, les taux de trihalométhane excédaient parfois les taux maximums acceptés de près de 70 %. Quant aux taux de turbidité et de chlore, ils étaient extrêmement forts et les taux de manganèse, périodiquement élevés. Des concentrations préoccupantes à l'origine de la présence d'USFOS à Moncton.

Alimentée par le réservoir de Turtle Creek, l'usine de traitement d'eaux de surface dessert trois localités : Moncton, Riverview et Dieppe. Conçue, construite et exploitée par USFOS, elle répond entièrement aux normes de la Ville de Moncton (dont celle de limite de turbidité fixée à > 0,1 uTN, dix fois plus sévère que les normes canadiennes en matière de qualité de l'eau potable) et aux normes canadiennes en matière de qualité de l'eau potable.

Les 100 000 résidents de ces trois localités jouissent à présent d'une eau potable d'excellente qualité et moins d'un mois après la mise en service, ils signalaient déjà des améliorations considérables de cette qualité.

Overview

In April 1998 the City of Moncton, New Brunswick, awarded Canada's first major drinking water public-private partnership to USFilter Operating Services (USFOS). This 20-year agreement, calls for the financing, design, construction, operation and maintenance of a 25-MGD Class IV, drinking water filtration facility.

Prior to the commissioning of the facility in the fall of 1999, the trihalomethane levels sometimes exceeded maximum allowable levels by nearly 70%, extremely high turbidity and chlorine levels along with periodically high manganese levels were concerns that led to USFOS' presence in Moncton.

The surface water plant, which receives water from Turtle Creek Reservoir, serves three communities: Moncton, Riverview and Dieppe. The City of Moncton established a Turbidity standard of >0.1 NTU, ten times more stringent than the Canadian Drinking Water standards. The USFilter designed, built and operated WTP consistently meets and exceeds all the standards established by both the City of Moncton and the Canadian Drinking Water Quality standards.

The 100,000 residents of this tri-community area now enjoy high-quality drinking water and, less than one month after startup, reported significant improvements in quality.

Memo: to all NBSCETT / SstagN-B members

As the membership renewal invoices are sent out (November) for our professional designation fees, the Society endeavours to ensure that our member database is as current as possible. This database is of vital importance in our interaction with members as well as with other organizations including: other provincial associations, our national federation (CCTT), various levels of government, educational institutions and potential employers. Member "personal information" is not disclosed without your expressed consent; excluding the basic contact information for affinity program offers, and subsequent benefits to members and the Society, as per the membership application forms.

It is very important for the Society to maintain members' current contact information; please take the time to provide the Society with all contact information; noting the particular need for the email address(es). The ability to contact and provide information to members via email would save a great deal of time (and also a major expense for postage). The Society would also therefore be able to pass on important information in a much more timely manner. Please complete the data form below and return it to our office by fax or mail; or alternately you can send us an email with the noted data.

Member information Certificate # _____
Last Name: _____ First Name: _____ Initial _____
Discipline: _____ Date of Birth: (Day/Month/Yr.) / /
Designation (circle one): ASCT CET CTech
Designation: Technologist /Technician /Associate /TGIT /Student /Life /Honorary

General Contact information:
Mailing Address:
Street #/Apt.# _____ Municipality: _____
Province (if not New Brunswick) _____ Postal Code: _____
Telephone #: Residence: _____ Office: _____
Fax #Office: _____ Email: _____
Address Office: _____

Bill C-6: Privacy Act:
The Federal Government has established a Privacy Act which: *Recognizes individuals right to privacy of their personal information; *Recognizes the rights of organizations to collect, use or disclose personal information for legitimate business purposes; *Establishes rules for handling personal information. The Privacy Act mandates that NBSCETT/SstagN-B must confirm with its members, before disclosing any of your personal information to third parties. We carefully review any requests for information that we receive and only consider those, which we believe, are bona fide and will have benefits to our membership. At present the companies that are receiving contact information of members: are MBNA Canada, and Meloche Monnex.

Please complete the notice below, (circling choice A or B) and forward it to NBSCETT/SstagN-B office within the next 30 days or alternately send us an e-mail with the text of the notice and including choice A or B; otherwise we will consider that you have given consent for disclosure of your name and mailing address to Society selected third parties.

Notice to NBSCETT on disclosure of personal information
I _____
(Member's Name -please print)
a/ give NBSCETT/SstagN-B consent to disclose personal information; specifically my name and mailing address to selected third parties. **Or**
b/ DO NOT consent for NBSCETT/SstagN-B to disclose any of my personal information to third parties.

Member's Signature: _____ Date: _____

Dear NBCC Student;

Qualified NBCC students enrolled in full time applied science and engineering technology training programs may become the Society's "Student Members", during their college term. Upon receipt of the annual membership renewal of \$10.00, the student will receive a wall certificate stating: "Student Membership is granted to ...student's name..., and, is valid during enrollment in the applied science / engineering technology programs of the New Brunswick Community College."; and, the student shall receive all regular information and publications of Society information and consumer affinity programs, as well as related professional development materials.

Maintaining membership within the Society during college and particularly upon completion as a "Technology Graduate In Training" is vital to an individual's certification and professional technology career.

Cher étudiant de CCNB,

Les étudiants qualifiés du CCNB inscrits à temps plein au Programme de formation en technologie de génie et de sciences appliquées peuvent devenir « *étudiants membres de la société* » pendant leurs études. Dès réception du renouvellement de la cotisation annuelle de 10 \$, l'étudiant recevra un certificat précisant ce qui suit : *Le statut d'étudiant membre est accordé à... (nom de l'étudiant) et cette qualité de membre est valide tant que l'étudiant est inscrit au Programme de technologie de génie et des sciences appliquées du Collège Communautaires du Nouveau-Brunswick.* L'étudiant recevra toutes les publications régulières de la Société et toute l'information sur les programmes ainsi que le matériel de perfectionnement professionnel connexe.

Il est essentiel de maintenir son adhésion à la Société pendant les études collégiales et surtout après l'obtention du titre de « diplômé en technologie stagiaire », pour maintenir la certification et pour poursuivre une carrière de technologie professionnelle.

Information / registration form: NBSCETT / SttagN-B Tel: 454-6124 e-mail: nbscett@nbscett.nb.ca

After the AGM 12 noon banquet on Sat., April 24th, transportation is supplied for a tour of the new wind tunnel facilities of the Université de Moncton.

At l'Université de Moncton, the hydraulic channel (a wind tunnel along with several state of the art equipment), is part of the fluid mechanics and hydraulic laboratories as well as the wind-engineering centre of the Faculty of Engineering.

The 10 m long glass sided tilting hydraulic channel has a 30 cm width test section and will allow the simulation and study of river flows, and is equipped with a random wave maker to simulate all kinds of waves. Other small equipments demonstrate the study of water hammer behaviors in pipes; the study of pumps and turbines, and a water channel river erosions studies.

The open circuit wind tunnel can reach maximal speeds of 75 m/s (270 km/h) inside the test section of 50 cm x 70 cm., which allows the study of the flow around model buildings, the study of the flow around airplane wings, the study of boundary layers, etc.

Students, professors in the engineering programs, and external researchers and industry, use the infrastructure, fostering good teaching and research in several fields, namely hydrology, hydraulics, aerodynamics, the environment, wind engineering, fluid-structure interaction and several others.

À la Faculté d'ingénierie de l'Université de Moncton, un canal hydraulique, une soufflerie et plusieurs autres pièces d'équipements à la fine pointe de la technologie font partie des laboratoires d'hydraulique et de mécanique des fluides et du centre de génie éolien de la Faculté d'ingénierie.

Le canal hydraulique à pente variable ayant une section de 30 cm de largeur et 10 m de longueur utile permet de simuler les écoulements en rivières et est muni d'un batteur à vagues. Plusieurs autres petits équipements et appareils existent pour l'étude des pompes et des turbines et un canal permettant de simuler les problèmes d'érosion en rivières.

La soufflerie à circuit ouvert permet d'atteindre des vitesses maximales de 75 m/s (270 km/h) à l'intérieur de la section d'essai de 50 cm x 70 cm qui permettra l'étude de l'écoulement autour de modèles de bâtiments, l'étude de l'écoulement autour des ailes d'avion, l'étude de couche limite, etc.

L'infrastructure sera utilisée par les étudiants et étudiantes, par les professeures et professeurs de la Faculté, par des chercheuses et chercheurs externes et par l'industrie favorisant l'enseignement et la recherche dans plusieurs domaines telles que l'hydrologie, l'hydraulique, l'aérodynamique, l'environnement, le génie éolien, l'interaction fluide-structure et plusieurs autres.

Water Quality and Integrated Watershed Planning: Charting the Future Conference

June 17 to June 19, Moncton, NB

The Fundy Model Forest, together with the Canadian Model Forest Network, the NB Department of Environment and Local Government, the City of Moncton and other partners, is pleased to be hosting this major conference on **integrated watershed planning**.

This conference is designed to bring together experts with the latest knowledge in water quality issues with those whose who are struggling with implementing water quality objectives in a watershed planning process. It will be of particular interest to municipal officials, engineers, engineering technicians/technologists, developers, forest managers, farmers, agrologists, environment and health officials and other practionners in watersheds. The conference is expected to draw participants from across eastern Canada and the northeastern United States.

Fundy Model Forest held a planning workshop in June 2003, which brought together a number of people who are engaged in water quality work in watersheds. Participants identified several areas where they felt they needed more information. The conference will address these knowledge gaps, as well as look at planning issues.

Several New Brunswick success stories will be highlighted with on-site visits, which will give delegates an up close look at the practical application of some of the ideas being discussed. Be sure to mark your calendars for this exciting conference.

More information can be found on the Fundy Model Forest website: www.fundymodelforest.net

"THE" website for HR managers searching for **"THE PROFESSIONAL"** certified technical staff; and **"THE"** site for resumé's of CCTT Constituent Member organizations' members.

= www.cten.ca =



The Tetra Society is a national non-profit, charitable society that helps people with disabilities enjoy fuller and more independent lives by building or modifying assistive devices that are not commercially available. Tetra's technical volunteers have customized existing products and created a wide variety of innovative new devices that have enriched many lives.

Tetra Fredericton has completed projects such as an adapted sled, wagon and bike trailer and is currently completing an adapted pool cue; and, currently needs volunteer help with projects such as adult tricycle modifications, and wheelchair modifications for beach access.

Technical volunteers meet between 6:45pm and 8:30pm on the first Monday of every month to brainstorm ideas on projects. For more information on volunteering or requesting assistance, please contact Christine Plourde, P.Eng at 462-7662; or Christine.plourde@mgi-limited.com.

Visit our website at www.tetrasociety.org

Christine Plourde, P.Eng.
Chapter Coordinator, Tetra Fredericton

Ben Champoux, un analyste supérieur du marché au Nouveau-Brunswick chez SCHL, présentera une analyse en profondeur sur les marchés d'habitation provincial. Ben discutera sur comment les tendances économiques et démographiques ont influencées et continueront à former des demandes pour des habitations nouvelles, de reventes ou de locations au Nouveau-Brunswick.

Ben Champoux is a Market Analyst for CMHC's Atlantic Business Centre, and as of January 1st, 2001, he has been appointed Senior Market Analyst for New Brunswick.

Ben joined the Market Analysis team of the Federal Housing Agency in June 1998 after several years as an Analyst in Ottawa where he conducted research projects on the Pharmaceutical industry for the departments of Health and Industry Canada.



Ben has a background in Economics. He studied in economics at Université of Sherbrooke as well as in the United States, at Eastern Connecticut State University. Ben also worked for 2 years as a consultant in the Health Care sector in Montreal after completing his Masters in Health Administration at Université of Montreal.

Ben's presentation will focus on the key economic factors influencing housing trends.

Hiring certified technicians and technologists makes excellent business sense, the vice-president of the Canadian Council of Technicians and Technologists told Saskatoon business leaders last month.

In a speech to the Saskatoon and District Chamber of Commerce, Lois Sterner, RET, said that certified technicians and technologists are trained and operate according to strict national standards, meaning they are a key resource in helping employers succeed in the advanced and highly competitive international market.

“Certification means employers receive well-trained experts,” Ms. Sterner said. “Savvy business leaders understand that hiring the best-qualified employee is one of the most effective ways to maximize revenue per employee and limit the average cost of each employee. Certification is key to finding job applicants who have the advanced skills employers need to win.”

Certification helps companies meet the new business challenges, she said, because:

- **It is easier to determine if technical job applicants really have the thorough training required by prospective employers.**
- **It is easier and faster to hire top talent around the world.**
- **A national code of ethics can ensure that professionally certified technicians and technologists operate according to the highest standards of professional conduct.**

Ms. Sterner pointed out that leading Canadian companies, including Serco Facilities Management Inc., Imperial Oil, Bristol Aerospace, SaskTel, as well as numerous municipal, provincial and federal government departments, choose to hire certified technicians and technologists because they realize that working to exacting standards –whether they are applied to testing equipment or qualifying individual professionals – is integral to assuring customer safety and satisfaction, and a business’ healthy bottom line.

Ms. Sterner said that members of the Canadian Council of Technicians and Technologists’ provincial associations are certified in 14 disciplines, an important fact considering that technicians and technologists impact Canadians’ lives practically every day.

The Canadian Council of Technicians and Technologists’ provincial associations are responsible for certifying and regulating members, who can only apply for certification following several years’ appropriate training and work experience and, in some cases, passing provincial examinations, Ms. Sterner explained. She also detailed how the national accreditation program, administered by the Canadian Technology Accreditation Board (a committee of the Canadian Council of Technicians and Technologists), fosters a consistent, high quality technology education system in Canadian colleges and educational agencies, helping to ensure that graduates have what it takes to meet Canada’s evolving technological needs. Ms. Sterner noted that there are currently 228 programs nationally accredited by the Canadian Technology Accreditation Board in nine provinces, and that the board has doubled its number of applications across Canada over last year’s figure.

The speech to the Saskatoon and District Chamber of Commerce was the first in a series of executive presentations to Canadian business and professional organizations aimed at promoting a greater awareness of technicians’ and technologists’ significant contribution to Canadian industry and society. Ms. Sterner’s next speech will be on April 23rd at the Lethbridge Chamber of Commerce, where she will discuss the value of certification and the Council’s role in the Government of Canada’s new Workplace Skills Strategy.

