

The Azimuth

Fall and Winter 1999

Volume 4 Issue 3



ELECTION OF OFFICERS: 2000-2002

Blair Degrace, CFT

s Chair of the nominating Committee, which was formed at our last AGM, I feel that now is the time, while there still is plenty of time, for us to reflect on a new slate of NBFTA Officers for the term of 2000-2002.

A golden opportunity exists

NBFTA Election of Officers: 2000-2002. Get involved. Contact any Executive Member for details

for any Certified Technician to have the distinction of being the first in the 21st century to be elected to the position of either President, First Vice President. Second Vice President, Secretary, Treasurer or Region 1, 2 or 4 Representative.

Pertinent Articles from our Constitution concerning election of officers are:

Section 4.1:

Officers shall hold office at the pleasure of the association for a term of two years.

See election on page 4

Bidlake family wins 1999 NB Woodlot Owner of the Year.



The Bidlake Family, upon winning "NB Woodlot Owner of the Year for 1999". Left to right: Randy McQuade, George, Walter, Alma, Jack, Patrick, and Colleen Bidlake. Story page 6

Appointment

Congratulations Claude Chiasson on his recent appointment as Associate Director of the Ecole des Garde Forestiers in Bathurst. Claude will be replacing Rod O'Connell who retires in May, 2000.

Claude, who currently serves our Association as First Vice-President and Chair of the Certification Board, was rewarded for his hard work, dedi-

> cation & professional attitude with the NBFTA Technician of the Year Award in 1997. No doubt these same qualities were recognized when the decision was made to choose Claude for this important position.



Best of luck Claude as you assume your new responsibilities!

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From the President's Desk Blair DeGrace, CFT, President NBFTA

Letters to the Editor

You are more than welcome to send in letters, comments or photos to the Editor for publication. Please include a stamped self-addressed envelope if you want your submissions returned. Articles may be edited for content, grammar, length etc. Please include author's and photographer's name If possible save your document on a computer disk formatted for PC's and mail it (e-mail or snail mail) It will make our job easier.

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to the Editor All prices are subject to applicable sales tax

Executive

President Blair DeGrace 1st Vice Claude Chiasson 2nd Vice John Barton Secretary Dave Lewis Treasurer Carl Hovey Past President Kenny McGinn

Region 1 Representatives -vacant

Region 2 Representatives -Burt Murray

Region 3 Representatives -Rick McShane

Region 4 Representatives -Terry Bowlen

Region 5 Representatives -France Roussel

Editor Todd MacPherson

Direct Mail To

Editor NBFTA / ATFNB c/o T-MAC Enterprises 141 Hilderbrand Crescent Fredericton New Brunswick E3A 4W9

ph (506) 455-2333 e-mail with "Editor" in the subject at nbfta < tmac@brunnet.net>

Brunswick Forest New Technicians Association, of 300 Members strong, has made a lot of changes since Incorporation in 1996. Change is not always easy for any of us to accept, but neither is it always unpleasant. One of the more positive & encouraging of involvement with aspects Association comes with the process of concern, question, debate & successful resolution of an issue among dedicated Members. Our Association operates in a democratic manner where all opinions count. Any member must feel comfortable to question the direction of their elected representatives. It is our duty to respond to those who have legitimate concerns. We, who have agreed to serve, must be accountable.

Two controversial issues related to the operation of our Association which surface occasionally involve:

- 1. whether a secondary objective exists to form a Technicians Union?
- 2. what Technician Certification is really all about?

Trade Nothing against the Movement, but it appears as though the first issue has pretty much been put to bed as a result of communication efforts over the past couple of years. People are beginning to understand that we volunteer our work to enhance the image qualifications of Technicians to promote sound forestry practices & sustainable forest management within the forests of our Province.

Judging by an increasing number of recent questions & concerns regarding the second issue, it would appear that we have not promoted or explained the value of Certification as we should have.

Our First Vice President. Claude Chiasson and our five Regional Representatives have been working hard to prepare for NBFTA Certification Examinations which will be throughout the Province on Saturday, November, 27th, 1999. There have been an encouraging number of Technicians who have registered for this session. This will increase by a significant number the **Technicians** (CFT's) currently Certified by our Association. Communication of the upcoming testing has contributed to heighten the level of CFT awareness.

A tremendous amount of effort has gone into the Certification Process. The Certification examination was researched & developed cooperatively by NBFTA Members. By Letters Patent, the NBFTA has been granted the exclusive legal right to Certify Forest Technicians in New Brunswick. Our friends in Nova Scotia fashioned their Certification Procedure just this past year with the help of a former NBFTA President. Harrison.

Technician Certification was conceived Continued next page

From the President's Desk

Continued from previous page

and is promoted by the NBFTA with only honest & positive intentions in mind. This is in line with our stated objectives to "... encourage cooperation among Forest Technicians/Technologists in New Brunswick" & "To promote & assist in the continuing education of Forest Technicians and foster high standards". CFT standards are and will remain high. At the same time, these high standards are reasonably attainable for qualified Technicians. Technician certification was not conceived and is not being promoted to harm Technicians or leave anyone behind. should ever become the case, then we will find a solution to the dilemma.

Let's examine some of the fact and benefits surrounding Technician Certification:

- 1. Technician Certification is not mandatory. Certification exists for those members who see a benefit and wish to pursue it.
- 2. Technician certification does not promote a class system. All Members of the New Brunswick Forest Technicians Association, both Regular & Certified, are considered to be equals.
- 3. Technician Certification demonstrates to concerned parties that specific

- professional standards are being met, as is the case in other professions within most sectors of our economy.
- 4. Technician Certification can be used as a tool to demonstrate professional accountability to the general public whose expectations of forestry practices & practitioners continue to increase.
- 5. Technician Certification serves as a valuable marketing tool for Technicians seeking employment.
- 6. Technician Certification is increasingly relied on by those employed in high profile management positions in all areas of the forest sector to demonstrate professional qualification.
- 7. Technician Certification has now rightly provided Technicians their own distinctive professional designation (CFT) as we pursue common goals alongside our friends within the Association of Registered Professional Foresters (RPF).
- 8. Technician Certification demonstrates individual as well as collective professional accountability.
- 9. Technician Certification requires participation in the Nationally recognized

- Continuing Forestry Education (CFE) Program administered in New Brunswick by CIF, ARPFNB & NBFTA. Maintaining a CFE Certificate provides a system & demands accountability to stay in tune with rapidly changing technology and forest practices.
- 10. Technician Certification "raises the bar" for all of us. We have committed to foster high standards as Certification requires.

Please feel free to contact Claude at (506)546-4176 or myself at (506)356-4199 if you have any questions or comments concerning Technician Certification.

Best of luck to those who seek certification on the 27th!

Blair DeGrace, CFT

"Change is not made without inconvenience, even from worse to better."

Samuel Johnson

Election — continued from page 1

- . At each AGM held in an odd numbered year (1999), a nominating committee shall be formed.
- . Said Committee shall submit, at the following year's AGM (April 8th, 2000), a slate of officers, whose acceptance of the nomination has been verified by letter.
- Any Certified Member of the Association may be nominated for any office up to 30 days prior to the AGM.
- . Nominations are to be sent to the chair of the nominating committee, signed by two Certified Members, and accompanied by a letter of acceptance of the nomi-

THE WORLD'S MOST POWERFUL PREPOSITION

"INTO"

You've heard the old saying, "You only get out of something what you put into it."

As a professor, I see the truth of this statement every day. Every person on my class roster is "in" school. This means that they've registered for courses and they've paid their tuition. But the sad fact is that even though all of them are "in" school, very few of them are "into" school. Most of them are "in" a major, but very few of them are "into" their major. Many of them are "in" clubs, student government, and sports,

nation, signed by the candidate.

. No nominations will be accepted from the floor at the AGM, unless there are no nominations for an office.

Constitution Section 4.4:

- Regional Executive Members will be elected for a two year term, retiring in an odd number year if their region number is odd, and in an even number year if their region number is even.
- . Elections for Regional Executive Members will be held prior to the AGM.

Constitution Section 4.4:

. All Members of the Executive, Certification Board and Disciplinary Committee must be Certified Members of the Asso-

but very few of them are "into" these activities.

The difference between success and failure in school or in anything else is the difference between these two words:

IN VS. INTO

"In" means that you show up physically. "Into" means that you're totally absorbed – physically, mentally and emotionally.

The following quote describes the "into" quality best: Painters paint with their hands. Artists paint with their hands and minds.

But masters paint with their hands and minds through their hearts.

- . Just because you go to class does not necessarily mean that you're a student.
- . Just because you can sing a song does not necessarily

ciation.

Constitution Section 4.9:

The term of office shall not exceed four (4) continuous years in any one office.

Any member of our Association who is willing to commit some of their free time is more than capable of fulfilling the requirements of any of the positions mentioned above. Two conditions exist if you have an interest; having attained Forest Technician Certification & then winning the majority vote at the AGM. Please do not overlook the Certification Examination on

Continued next page

mean that you're a singer.

- . Just because you sell something does not necessarily mean that you're a sales person.
- Just because you're IN a profession does not necessarily mean that you're a professional.

Successful students, singers, sales people and other professionals have developed the skill of being absorbed physically, mentally and emotionally.

Being IN something doesn't mean you'll get anything out of it. The only way you'll ever get the most OUT OF it is if you are totally INTO it.

BOB GILBERT Editor, Bits & Pieces

Fall and Winter 1999 NBFTA

November 27th if you are not yet Certified and plan to accept a nomination.

Holding elected office within the NBFTA requires a strong commitment. From experience, one can honestly say that our Association pays huge dividends on any time invested. The camaraderie, the experiences, the contacts, the teamwork, the sense of

accomplishment & belonging far outweigh the effort.

I look forward to working with the new executive after our next AGM & pledge full support in my upcoming capacity as Past President. Successful organizations become so as a result of new ideas, new energy, new personalities. I strongly encourage every member who can qualify to hold elected office to ask yourself two questions...Who if not me? When if not now?

Blair

NBFTA ELE	CTION OF O	FFICERS: 20	000-2002			
POSITION	CURRENT	RE-OFFER FOR SECOND TERM	POTENTIAL REPLACEMENTS (CFT'S)	NOMINATION LETTER TO CHAIR >30 DAYS TO AGM	SIGNED BY TWO CFT's	SIGNED LETTER OF ACCEPTANCE BY NOMINEE
PRESIDENT	DeGRACE	X	•			
1 ST VICE	CHIASSON	✓	•			
2 ND VICE	BARTON	X	•			
SECRETARY	LEWIS	X	•			
TREASURER	HOVEY	X	•			
REGION 1	CHIASSON	X	•			
REGION 2	MURRAY	✓	•			
REGION 4	BOWLEN	X	•			
		The man	rager does things right. T	he leader do	es the rig	aht thing!

NOTICE

Executive Meeting originally scheduled for December 3rd, 1999 is rescheduled to Friday, December 17th, 1999 at MFRS from 1:00 - 5:00 p.m.

No change to Agenda, as follows:

- * Open Meeting
- * Review Agenda
- * Review Minutes

- * Business arising from the Minutes
- * Action Plans
- * New Business
- * CFT Seal Claude
- * Azimuth Printing Todd
- * 2000 Election of officers -
- * Scaling Day Kenny
- * CFT Distinctive Recognition -

Girvan

Blair

- * Membership Kenny
- * Informal Meeting Planning Blair
- * Other Business
- * Develop agenda for next meeting
- * Select time, date & place for next meeting
- * Motion to adjourn

BIDLAKE FAMILY TAKES PROVINCIAL AWARD

From YSC Newsletter Volume 8, Issue 2

e are extremely proud and happy to announce that the YSC Woodlot Owner of the Year, the Bidlake family, has also won the province's top award. The family was honoured at the 11th Annual Provincial Woodlot Field Day

held September 18th in Gaspereau Forks near Chipman. DNRE Deputy-Minister David MacFarlane made the group award. The family has been growing, tending and harvesting blueberries, Christmas trees, timber and maple syrup for over 30

years. The family woodlot was the site of the highly successful YSC field day last November. Congratulations once again to Jack, Walter, Alma, George, Colleen, Patrick and Randy.



Walter Bidlake, CFT (second from left to right), is presented with prizes from Jonsered representatives in recognition of the Bidlake Family's accomplishement. At far left is Deputy Minister of Natural Resources and Energy David MacFarlane.

FROM SEEDLING TO STRUCTURE - A WOODLOT CELEBRATION

he only thing missing from the recent YSC woodlot day held at the Bidlake family's Charley Brook Tree Farm was balloons. The 120 or so people who showed up

to tour the well-organized display of events were well rewarded.

Walter Bidlake and his father Jack bought the 180 acre woodlot in 1963 and have been

planting trees ever since. They have disproved the notion held by some woodlot owners that a dollar spent planting or thinning

Continued next page

trees is wasted because "I'll never see anything from it". Only 32 years after their first seedling went in the ground, Walter is already thinning some of those very trees, and sawing them into lumber for his timberframe barn now under construction. He uses a Jonsered chainsaw mill to which he has added extra track for long logs to cut the lumber. The pieces are later morticed and tenoned using an electric drill to rough out the hole and a chisel to finish it.

But stop, we're getting ahead of ourselves - that was the last stop, not the first. After hot coffee and donuts at the family camp, the group trudged up the hill. First stop was at a 25 year old stand of white spruce that had struggled through several years of spruce budmoth infestation. It had been spaced out last year and yielded about 3 cords/ acre. Next stop was a field full of Christmas trees, where the Bidlakes operate a U-CUT operation. Tour organizer Randy McQuade said he didn't know much about Christmas trees except they cost \$15. Next stop was a close-up demonstration of pre-commercial thinning, with YSC staffer Greg Billings in the harness. He explained the best way to work a "face" of young

growth, emphasizing that you always try to leave the best trees. After that was Boisetown logger Carl Ross and his horse Bill, who probably got the most attention of the day (the horse that is). Then came the brand-new Kubota tractor and Hardy loader supplied by Harper Equipment with operator John Barton at the controls; and salesmen Jeff Robinson and Ralph Harper standing by to answer questions and make a deal. Next was Mike Boucher's Ranger School skidder crew, Burpee Carr and Tom Eagers, who were showing how easy it was to protect young trees if you were careful and did a little planning. The 38 strong 1998 Ranger School class, looking classy in their bright orange safety helmets, took careful notes. Then it was through the hardwoods and across Charlev Brook where Walter Bidlake's tractor winched out a couple of twitches using, first, a skidder cone that minimizes hang-ups, and then a snatch block that is strapped to a tree to change the pull direction.

That was the last stop before lunch back at the camp. The smell of burgers wafted clear to the back of the woodlot, creating a minor stampede. The burger line started on the porch where YSC staffers Tara Jenkins and Dawn Parker worked in the billowing smoke trying to flip burgers with no spatula, went in through the front cabin door, wound twice around the kitchen table, and exited through the side door. Meanwhile, DNRE extension foresters Leigh Waldron and Terry Bowlen dispensed advice and information from the interior of a tent while trying to stay warm, and Blaine Phillips of B.A.P. Forestry Equipment made his wares available. After lunch, the group shuffled across the road to observe Larry and Jeremy Jones of Tay Falls Lumber demonstrate their new Patu miniprocessing head, which was fitted on a Hitachi excavator and equipped with the forestry package. They were thinning in the 32 year old red pine stand previously referred to.

I don't think there was anyone there who didn't thoroughly enjoy themselves and maybe learn something to boot. We would like to thank everyone who helped make the day a success, especially organizer Randy McQuade and host Walter Bidlake.



Happy holidays!

... May the new year bring peace and prosperity.



admin@mtl.feric.ca

Arborsonic decay detector

Visual inspections of woody material to detect the presence and extent of internal decay are difficult and inaccurate. That doesn't make the need for such detection any less important; for example, determining whether a wooden bridge remains functional and safe or whether a high-value sawlog contains hidden internal defects would definitely be beneficial. Fujikura Europe Limited (Wiltshire, England) has recently developed an instrument called the Arborsonic Decay Detector that is claimed to be capable of detecting incipient or advanced decay in woody materials. First developed to detect rot in telephone poles, this instrument can also be used to determine whether decay is present in logs and wood structures.

The instrument relies on ultrasound waves to detect decay. Ultrasound travels fastest in solid materials, and in wood fiber, the principal method of conduction is via the cell walls. Sound waves cannot easily pass through other mediums such as air, and as a result, they must pass around voids such as those

caused by decay or defects in the wood. Operating the device is quite simple: the worker places two transducers (probes), one a transmitter and the other a receiver, against the wood being tested (e.g., a bridge component or the xylem of a sawlog). The device measures the elapsed travel time of the sound waves between probes, and the result provides an indication of the soundness of the wood: longer delays indicate greater amounts of decay or defect.

FERIC has not had the opportunity to evaluate this device. For further information, contact Allan Fyfe Equipment Ltd. (Concord,

Ont.) at (905) 669-1313.

Le détecteur de carie Arborsonic

À vue d'œil il est presque impossible de déterminer la présence et l'étendue de carie dans une bille ou une structure de bois. Il serait néanmoins avantageux de connaître si la structure du bois d'un pont est dépourvue de carie ou si une bille de sciage n'a aucune



imperfection inattendue. Fujikura Europe Limited de Wiltshire en Angleterre a fabriqué un instrument appelé l'Arborsonic Decay Detector pouvant déceler la présence de carie dans le bois, soit débutante ou avancée. Principalement développé pour déceler de la carie dans les poteaux de téléphone, cet instrument peut aussi servir à trouver de la carie dans les structures de bois et dans les billes.

Le concept de cet instrument est basé sur les ondes ultrasons. Ces ondes se propagent plus rapidement à travers un objet solide (plein) et dans le cas des fibres de bois se sont via les parois des cellules que voyagent ces ondes. Les ondes ne se propagent pas dans l'air, donc dans le cas de carie dans la matière ligneuse, ils sont ralentis car ils doivent contourner cet obstacle. Ce dispositif est composé de deux transducteurs sous forme de probes, le premier un émetteur et l'autre un récepteur. Ces probes sont positionnés sur une pièce de bois (par ex. d'un pont ou sur le xylème d'une bille de sciage). C'est la période de temps que prennent les ondes ultrasons à traverser une pièce de bois qui détermine si il y a présence de carie : plus cette période est longue, plus il y a de carie.

FERIC n'a pas eu l'opportunité d'évaluer ce dispositif. Pour plus de renseignements sur cet instrument, veuillez communiquer avec Allan Fyfe Equipment Ltd. s i t u é e à Concord en Ontario. Leur numéro de téléphone est le (905) 669-

1313.

Terrain classification for Canadian forestry

In 1980, FERIC developed the Terrain Classification for Canadian Forestry on behalf of the Canadian Pulp and Paper Association, and the system has been used ever since to assist forestry personnel in planning logging and silvicultural operations. The system has also been used for control, machine operations evaluations and comparisons, machine development and marketing planning, and negotiation of logging contracts. The classification system is based on three factors: ground strength, ground roughness, and slope (grade). Each of these three factors can be assigned to one of five classes: a value of 1 represents the most favorable operating conditions, whereas a value of 5 represents truly difficult conditions. This article provides only a general overview of the system: for more detailed information, consult Mellgren (1980). Ground strength is determined by the typical year-round moisture content of the soil. Classifying a soil in this manner doesn't actually require digging into the soil, since the plant indicator species growing a site are generally sufficient to indicate the soil's class (very freely drained, freely drained, fresh, moist or wet, or very wet). Certain indicator plants

highly typical of each class; for example, jack pine forest with lichen is most common on dry sites, whereas black spruce and Labrador tea occur primarily on wetter sites.

Ground roughness is based on the presence of obstacles such as rocks, boulders, depressions, and rock outcroppings. The greater the number and size of the obstacles, the larger the class number for this factor. Obstacle heights or depths of less than 30 cm, with a frequency of no more than four per 100 m², indicate a roughness class of 1 ("very even" terrain); in contrast, a "very rough" (class 5) site would have as many as four obstacles up to 90 cm in height per 100 m². A class 5 site could also typically include numerous other obstacles of various sizes.

Slope (grade) is also broken down into five different classes, ranging from "level" (class 1; between 0 and 10% slope) to "very steep" (class 5; slopes greater than 50%). In most cases, conventional forestry equipment will not attempt to operate on slopes worse than class 3 (between 20 and 33%).

For the sake of consistency, site classifications are presented as a three-digit number, with the digits representing (respectively) ground strength, ground roughness, and slope. For example, a site described as class 2.2.3 means a ground strength of class 2 ("good"), a ground roughness of class 2 ("slightly uneven"), and a slope of between 20 and 33% ("moderate"). This system has been used extensively by

FERIC researchers during all assessments of forestry equipment because it facilitates fairer comparisons of machines that were observed on different sites.

Reference: Mellgren. P.G. 1980. Terrain classification for Canadian forestry. Can. Pulp Paper Assoc., Montreal, Que. 13 p.

Classification du terrain pour la foresterie du Canada

En 1980 FERIC a mis sur pied une méthode de classification du terrain pour les forêts du Canada au nom de l'Association Canadienne des Producteurs de Pâtes et Papiers. Cette méthode classification est destinée principalement à l'application pratique dans la planification des exploitations forestières et des travaux sylvicoles. Aussi, il était utilisé pour le contrôle des opérations, l'évaluation des machines et les comparaisons, le développement et la planification de la mise en marché des machines, et les négociations des contrats

d'exploitation forestière. La classification est basée sur trois facteurs : la solidité du terrain, la rugosité du terrain et la pente. Chacun de ces facteurs est subdivisé en cinq classes allant de 1 pour les conditions favorables jusqu'à 5 pour les c o n d i t i o n s v r a i m e n t défavorables. Cet article est un survol de cette méthode de classification; pour plus de détails, voir Mellgren (1980).

Le premier facteur est la solidité du terrain qui est déterminée par le niveau moyen d'humidité dans le sol pendant l'année. La solidité du terrain peut être estimée à l'œil, sans creuser la sol, basée sur la présence de plantes-indices comme étant un terrain très bien drainé, bien drainé, frais, humide-mouillé ou très mouillé. Le pin gris et le lichen indiquent un terrain très bien drainé tandis que l'épinette noire et le ledum indiquent un terrain très mouillé.

Le deuxième facteur est la rugosité du terrain qui tient compte des obstacles comme les pierres, les galets, les rochers et les dépressions. C'est la hauteur et la fréquence de ces obstacles qui déterminent la classe. Un terrain avec des obstacles ayant une hauteur ou une dépression de 10 à 30 cm avec une densité allant jusqu'à quatre par 100 m² est donc classé 1, c'est à dire un terrain très uniforme. Par contre,

un terrain classé 5 comporte des obstacles de 70 à 90 cm et cela à une densité jusqu'à quatre par 100 m². Un terrain classé 5 est considéré comme très rugueux.

Le troisième facteur est la pente. Un terrain avec une pente de 0 à 10 % est considérée de niveau et est classé 1. D'ailleurs, un terrain ayant une pente de plus de 50 % est très escarpé et est classé 5. La plupart du temps, les m a c h i n e s for e s t i è r e s conventionnelles n'opèrent pas sur des terrains classés de plus que 3, c'est-à-dire sur des pentes allant de 20 à 33 %.

La combinaison des trois facteurs et cinq classes rend possible la description simple et uniforme du terrain. Par exemple, un terrain classifié comme étant 2.2.3 se décrit comme ayant une classe de solidité de 2 (bonne), une classe de rugosité de 2 (légèrement accidenté), et une classe de pente de 3 (modérée, de 20 à 33%). Cette méthode de classification du terrain est couramment utilisée par FERIC d'évaluation de machinerie forestière pour des fins de comparaison des machines opérant sur de différentes sites.

Référence: Mellgren. P.G. 1980. Classification du terrain pour la foresterie du Canada. Assoc. can. des pâtes et papiers, Montréal, Qué. 13 p.

Alyre Godin, C.F.T., MFRS '93, Forest Technician (e-mail: alyre-g@mtl.feric.ca)

Jacques Lirette, MFRS '88, Forest Technician (e-mail: jacques-l@mtl.feric.ca)

Alyre Godin, T.F.C., MFRS '93, Technicien forestier (C. élec. : alyre-g@mtl.feric.ca) Jacques Lirette, MFRS '88, Technicien forestier (C. élec. : jacques-l@mtl.feric.ca)

Objectives and Code of Ethics

Objectives

- 2.1 To enhance the image of and encourage cooperation among Forest Technicians in New Brunswick.
- 2.2 To provide one voice on forestry issues as they relate to Forest Technicians.
- 2.3 To evaluate the qualifications (academic and experience) of graduate technicians who apply for membership in the Association and issue accreditation with respect thereto.
- 2.4 To promote and assist in the continuing education of Forest Technicians and foster high standards.
- 2.5 To promote the protection and enhancement of the New Brunswick biosphere.
- 2.6 To cooperate as much as possible with all associations with similar interests.

Code of ethics

- 12.1 No Code of Ethics can prescribe appropriate conduct under all circumstances. Its purpose is to provide a general guide of ethical conduct principles to allow members to carry out their duties to the environment, Association members, the profession and the public. Members are bound by the law, acts, and regulations of the Province of New Brunswick and the rules and articles of the New Brunswick Forest Technicians Association Inc.
- 12.2 This code shall be interpreted by the following guidelines.
- 12.2-1 The Golden Rule (" Do unto others as you would have them do unto you").
- 12.2-2 Honorable judgment errors are not unethical and must be evaluated in that context rather than by strict adherence to the written Code of Ethics.
- 12.3 As a further guide, members are encouraged to ask themselves four criti-

- cal questions when faced with ethical decisions:
- 12.3-1 Is the potential action legal in the criminal or civil sense?
- 12.3-2 Is the action within the guidelines of the NBFTA Code of Ethics?
- 12.3-3 Is the action balanced or will it heavily favor one party over another?
- 12.3-4 Am I comfortable with the action and willing to have it known by all?
- 12.4 Code of Ethics Articles
- 12.4-1 A member shall protect and promote safety, social, economic, and environmental interests.
- 12.4-2 A member shall only undertake work that he/she is competent to perform by virtue of training and experience.
- 12.4-3 A certified member shall maintain their technical competence through participation in Continuing Forestry Education (CFE).
- 12.4-4 A member shall recommend that other specialists be consulted on problems beyond his/her competence and shall cooperate with such specialists to the extent necessary.
- 12.4-5 A member shall regard the business of their employer as confidential unless released from this obligation.
- 12.4-6 A member, working simultaneously for clients whose interests in the work might be conflicting, shall notify all parties concerned.
- 12.4-7 A member shall be fair and honest in dealing with employer, client, subordinates, peers and members of the public.
- 12.4-8 A member shall be responsible to their employer or client and in the working relationship shall place their interests above everything except when those interests conflict with ac-

- ceptable forestry practices.
- 12.4-9 A member, as a forest technician/technologist, shall not give opinions other than those based upon knowledge and experience.
- 12.4-10 A member shall not engage in any activity likely to result in an unfavorable reflection on the profession. This shall apply to conduct as a member of the profession and not as a citizen at large.
- 12.4-11 A member who engages in public discussion or controversy on forestry topics shall do so with dignity and honesty befitting his/her profession.
- 12.4-12 A member shall not condone untrue or misleading opinions concerning forestry.
- 12.4-13 A member shall not claim credit for facts or opinions, which are not his/her own.
- 12.4-14 A member shall not distort or withhold information for the purpose of supporting his/her opinions.
- 12.4-15 A member shall not make unsolicited or untrue comments to anyone about another forest technician/technologist's work or methods but shall disclose evidence of unethical actions to the Disciplinary Committee or the Appeal Board of the Disciplinary Committee of this Association.
- 12.4-16 A member shall not support the admission to this Association any person believed by them to be inadequately qualified or unworthy.



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The NBFTA website is up and running and this edition of the Azimuth will be there for download. It is hoped that you will obtain future editions of the Azimuth online. This will help off-set printing and mailing costs. Go to www.forest-technicians.com/nbfta.

Todd MacPherson, Editor

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Editor	Todd MacPherson	459-1399	455-2333	_	459-1369	tmac@forest-technicians.com			
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WE NEED ARTICLES

To have a successful newsletter we need contribution from the membership. Articles that would be of interest:

- . Native logging agreements
- Technical training programs Ranking different schools, comparing different programs.
- Free trade as it applies to Forest Technicians and Technologists
- Entrepreneurship opportunities for self-employment
- Technology and its application(s) in forestry
- Educational articles new silvicultural techniques, industry updates
- Forest Certification its future, future opportunities for Technicians? How does one become qualified to certify forest land?

These are just a few example of articles that may be of interest to the membership. If you are interested in submitting any of these, or any others please contact the editor. Thank you.

Todd MacPherson, Editor



A new, more professional, look!