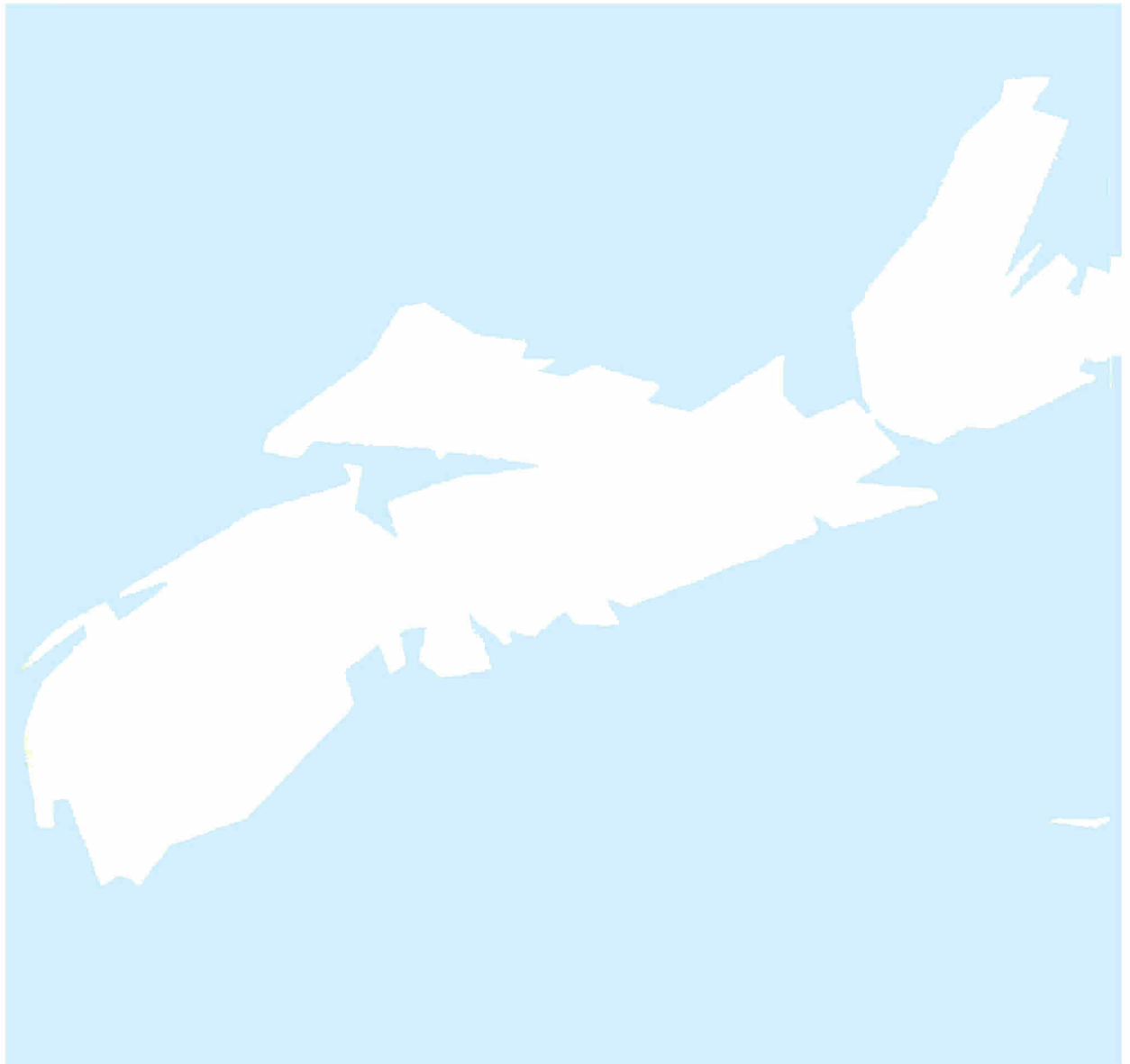
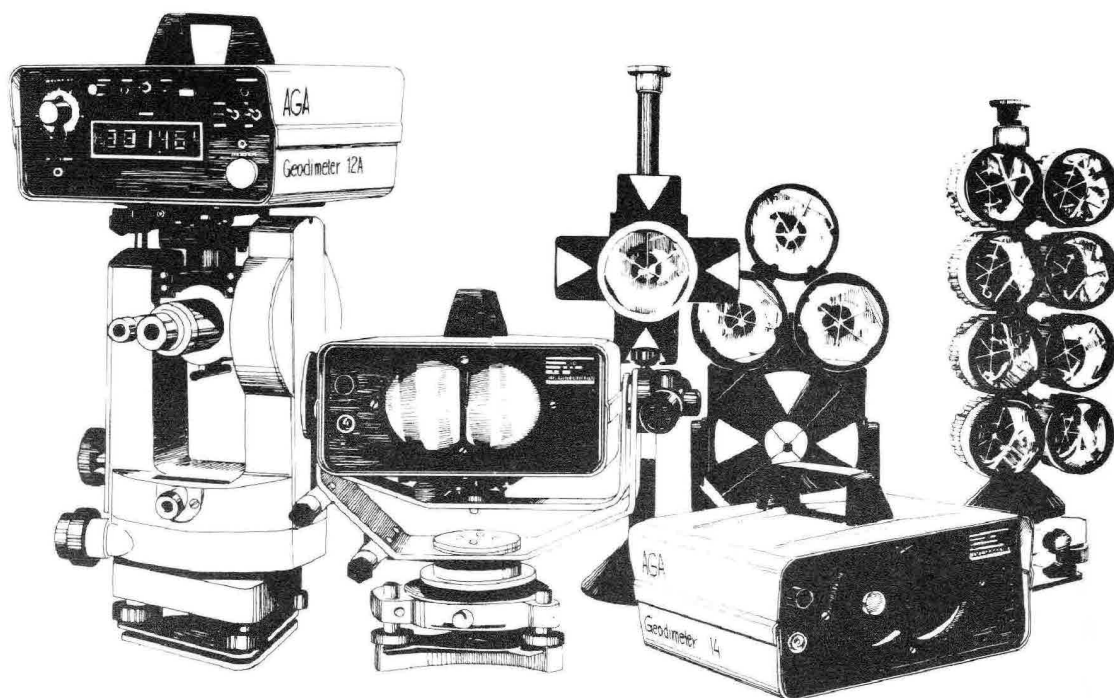


# **The NOVA SCOTIAN SURVEYOR**



**1977 ANNUAL MEETING  
JANUARY 1978**



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# The NOVA SCOTIAN SURVEYOR

*Published four times a year by*  
THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS INCORPORATED

Murray J. Banks  
President

Walter C. Rayworth  
Vice-President

Allison B. Grant  
Secretary

Address all communications to P.O. Box 1541, Halifax, Nova Scotia  
Telephone No. (902) 423-2058

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Founded 1951

Incorporated 1955

Vol. 37

JANUARY '78

No. 89

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KEITH AuCOIN, PRESIDENT; HON. LEONARD L. PACE, Q.C.  
RUSSELL GEORGE (C.C.L.S.)

# \*\* C O N T E N T S \*\*

*Views, expressed in articles appearing in this publication, are those of the authors and not necessarily those of the Association.*

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## THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS

## SLATE OF OFFICERS 1978-79

EXECUTIVE COMMITTEE

PRESIDENT.....Murray J. Banks	58 Swanton Drive Dartmouth, N. S.	0-424-7638 H-434-8863
VICE-PRESIDENT.....Walter C. Rayworth	73 Spring Street Amherst, N. S.	0-667-2017
PAST PRESIDENT.....Keith P. AuCoin	P. O. Box 1046 Windsor, N. S.	0-424-6695 H-798-2963
SECRETARY.....**Allison B. Grant	13 Wallingham Street Dartmouth, N. S.	0-423-2058 H-469-7661

COUNCILLORS

ZONE 1.....*Errol B. Hebb	P. O. Box 385 Bridgewater, N. S.	0-543-3915 H-543-5601
ZONE 2.....**Phil M. Milo	P. O. Box 158 Lawrencetown, N. S. BOS 1M0	0-584-3353 H-584-3471
ZONE 3.....**David L. Crooker	P. O. Box 23 Oxford, N. S. BOM 1P0	0-447-2115 H-447-2082
ZONE 4.....*J. Edward Hanifen	R. R. #1 Guysborough, N. S.	0-533-3417 H-533-2163
ZONE 5.....*Wayne D. Hardy	R. R. #2 Myra Road Sydney, N. S.	0-539-4324 H-562-3528
**Roderick K. MacInnis	West Bay Inverness Co., N. S.	0-345-2479 H-345-2733
ZONE 6.....*Fred W. Roberts	78 Russell Street Dartmouth, N. S.	0-426-6965 H-469-7227
*J. Gary Glenn	P. O. Box 905 Bedford, N. S.	0-835-9955 H-861-3998
**Donald V. Purcell	P. O. Box 604 Bedford, N. S.	0-455-3875 H-835-9797
**Robert A. Daniels	R. R. #1, Porters Lake Halifax Co., N. S.	0-455-1537 H-829-4005

## APPOINTEE OF MINISTER OF DEPARTMENT OF LANDS AND FORESTS

Frank J. MacDonald, P. Eng.	37 Beacon Street Sydney, N. S.	0-539-0942 H-562-3434
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\* Term ends November 1978  
 \*\* Term ends November 1979  
 \*\*\* Not a Member of Council

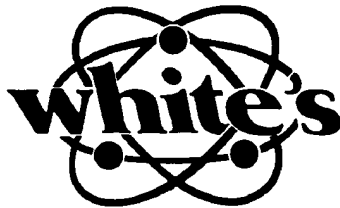
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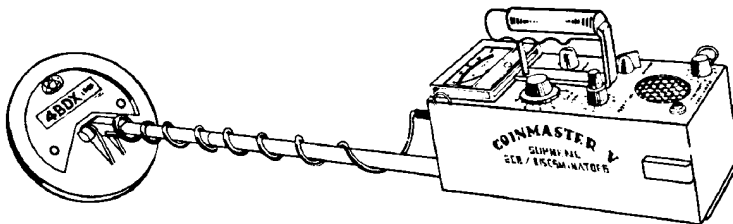
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## THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS

## 27TH ANNUAL MEETING

HOLIDAY INN, HALIFAX, N. S.

NOVEMBER 3, 4, 5, 1977

OFFICIAL OPENING

President AuCoin introduced the Attorney General of Nova Scotia, the Honorable Leonard L. Pace, Q.C., who officially opened the Twenty-Seventh Annual Meeting of the Association of Nova Scotia Land Surveyors.

Mr. President, distinguished guests, ladies and gentlemen:

First, I would like to welcome you all here today on behalf of the Province of Nova Scotia and say how great it is that many of you from all over Canada were able to travel to Halifax to attend this Annual Meeting.

I have followed the surveying profession throughout my career. It is very difficult in a trespass case if you do not have the supporting facilities of a survey. As you are perhaps more appreciative than I, our trespass cases have become fewer and fewer as surveyors in turn have become more professional and more widely used. Needless to say, the legal profession and the survey profession are very closely linked.

I hear from your President that you had the benefit of the learned remarks from my former partner yesterday, Charles McIntosh, and some other people who were on a panel. I daresay, therefore, that you are now more up to date on the law than I am.

It has been, throughout the years, my privilege to be very closely associated with the profession. Last year, as you know, the new Land Surveyors Act came into being. I imagine that Act probably caused you all some concern because it did, in fact, change some of the things that many of you had been carrying out for years in a most proficient manner. As with all legislation, time comes when it must be changed, new evolvments take over and, therefore, we must change with the times.

It is my understanding now that a very thorough study of the Regulations will bring in the practical implications of the Act.

I understand that your Association has been working very diligently on these Regulations and that you will soon be making presentations to those responsible in Government and let us only hope that, do to that process, the Act will be workable, not only for the profession, but for the public in general.

You are undoubtedly aware, as I am, that really in any profession, be it political life, surveying, law or whatever profession one enters, the burden is basically upon you to serve the public. That is your only reason for being. If there was no public need than none of us would survive or be necessary and we would, of course, turn to other things.

The surveying profession in the years ahead will be facing an even greater challenge than the one it faces at the present time. As you are undoubtedly aware, the Maritime Premiers' Conference has given great study to and has charged the Attorneys General of the various Atlantic Provinces with the responsibility of bringing in an updated Land Registry System under the direction of L.R.I.S.

L.R.I.S. will provide an added benefit to the profession and that is it should overemploy you for the next ten or twenty years. I would suggest, therefore, that financially the profession itself will be indeed secure.

It is a challenge because the enormity of this project, and of this type of planning, can only be seen when put in the proper focus and, that is, the title and later on boundary certifications, for every property owner, not only for the Province of Nova Scotia, but New Brunswick and Prince Edward Island. This should indeed be a challenge to the profession. If we were to bring it in today I am sure that there would be, within six months, a backlog of surveying that would clog the system. It would be rendered incapable of operation. I suggest to you that there is a burden placed upon the profession and that is to activate yourselves in such a manner or encourage others to come into the profession, so that you will be able to carry out that work as expeditiously and as rapidly as possible.

There is one other factor, as you all well know, that the cost is going to be a very relevant thing in how rapidly the system can be brought into operation. As each one of you run your professional businesses, I am sure that the cost over the last five years has risen almost to astronomical heights and far greater because of the inflationary trend, than under normal conditions. There will be a challenge there if we are to implement the system. The system in turn will be beneficial to the profession as well as the entire public but we will, in turn, have to face the challenge of costs. There are various systems which can be implemented. Some of them not as expensive. It will be a challenge to keep your cost at a level and at the same time render the service to the public.

I, myself, will be available at any time during the course of the profession's dealing with the government in regard to the incoming Regulations under the new Act. I shall make myself available and as knowledgeable as possible and trust that both government and the profession can work side by side together in having something sensible and practicable, not only to the profession, but the public we serve.

Thank you very much for inviting me.

President AuCoin thanked the Hon. Leonard L. Pace and stated that we appreciate his remarks. Especially a reminder to us that we must be constantly aware of our responsibility to the public and the reference to L.R.I.S. The new Land Titles System and L.R.I.S. may provide increased jobs and some security to the survey profession. We are looking forward to this new type of Land Titles System as a better type of surveying system that offers superior controls.

\* \* \*

#### OFFICIAL OPENING OF EXHIBITS

The official opening of the Exhibits was assisted by the Hon. Leonard L. Pace, Q.C.

#### INTRODUCTION OF EXHIBITS

President AuCoin introduced the following exhibitors:

<u>COMPANY</u>	<u>REPRESENTATIVE</u>
AGAtronics Limited	- Ian Murray
Atlantic Air Surveys Limited	- Al Daykin
C. P. Specialities	- Mike Pellerin
Hewlett Packard (Canada) Limited	- Hank Wylupski
The Hughes Owens Company Limited	- Brian Hartt
Monroe, The Calculator Company	- Frank Mack
Norman Wade Company Limited	- King Flood
Nova Scotia Department of Lands and Forests	
Tellurometer Canada Limited	- Andre Desjardins
Westward Industries Limited	- Stu Carver.

## INTRODUCTION OF VISITORS

Dave Usher	- President, Canadian Institute of Surveying
J. R. (Russ) George	- Past President, Canadian Council of Land Surveyors
Almer (Bud) Huntley	- Massachusetts Association of Land Surveyors and Civil Engineers
John Matthews	- President, Corporation of Land Surveyors of the Province of British Columbia
Alex Hittle	- President, Alberta Land Surveyors Association
Jim Condon	- President, Saskatchewan Land Surveyors Association
Al Hayward	- President, Association of Manitoba Land Surveyors
Mike Maughan	- President, Association of Ontario Land Surveyors
Guy Beliveau	- President, Ordre des Arpenteurs-Geometres du Quebec
Walter Murphy	- President, Association of New Brunswick Land Surveyors
Carl MacDonald	- Association of Prince Edward Island Land Surveyors
Robert Whiffen	- Association of Newfoundland Land Surveyors
Gordon Thompson	- C.C.L.S. Director, British Columbia
Ken Allred	- C.C.L.S. Director, Alberta (Secretary-Treasurer)
David Crandall	- C.C.L.S. Director, Manitoba (Past Secretary-Treasurer)
Jim Dearden	- C.C.L.S. Ontario (Vice President)
Maurice Gaudreault	- C.C.L.S. Quebec (President)
Bob Miller	- C.C.L.S. Director, New Brunswick
Ron Carrier	- Ottawa
Ed Anderson	- Massachusetts Association of Land Surveyors and Civil Engineers
Lou Schofield	- Massachusetts Association of Land Surveyors and Civil Engineers
Charlie Moncrief	- Massachusetts Association of Land Surveyors and Civil Engineers

\* \* \*

A one minute silence was observed for three Nova Scotia Land Surveyors who passed away during the year:

Brian Peel who was a very active member of our Council. Life Member Murray Cossitt from Cape Breton and Charles Dunn; as well, another gentlemen who passed away Dr. Sam Gamble, who was not a member of our Association or a Nova Scotia Land Surveyor but was very well known by most of us.

\* \* \*

## MINUTES OF THE TWENTY-SIXTH ANNUAL MEETING

Mr. F. C. Hutchinson, Secretary-Treasurer, presented the minutes of the 26th Annual Meeting held at Chateau Halifax, Halifax, N. S., on November 18, 19 and 20, 1976, as distributed in the April issue of The Nova Scotian Surveyor.

It was moved by Jim Doig and seconded by Phil Milo that the minutes as presented and distributed be adopted. Motion carried.

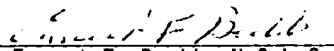
## SECRETARY-TREASURER'S REPORT - F. C. Hutchinson

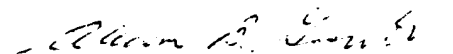
TO: The President and Members of  
The Association of Nova Scotia Land Surveyors

November 4, 1977

We have reviewed the Secretary-Treasurer's Statement of the Financial position as at September 30, 1977, and the Statement of Revenue and Expenses for the year then ended, in accordance with the accounting procedures instituted by A.A. MacMillan, R.I.A.

In our opinion the accompanying Statement of the Financial position and the Statement of Revenue and Expenses presents fairly the Financial position of the Association as at September 30, 1977.

  
Ernest F. Boehk, N.S.L.S.

  
Allison B. Grant, N.S.L.S.

THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS  
STATEMENT OF FINANCIAL POSITION  
AS AT SEPTEMBER 30  
APPENDIX "A"

Acct. No.		<u>1977</u>	<u>1976</u>
	CURRENT ASSETS		
101	Cash in Bank (Current Account) \$ 3,078		
102	Cash in Bank (Bonus Savings Account) 7,000	\$10,078	\$ 7,735
103	Petty Cash	100	-
105	Working Fund Advance (1976 Convention)	-	500
111	Accounts Receivable	460	28
115	Accrued Interest Receivable	920	690
	INVESTMENTS		
130	Debentures - N. S. Savings & Loan	2,400	2,600
132	Term Deposits - N. S. Savings & Loan	<u>15,544</u>	<u>-</u>
		<u>29,502</u>	<u>11,553</u>
	CURRENT LIABILITIES		
202	Accounts Due and Payable	1,101	1,182
210	Income Tax Payable (Employee)	75	-
220	Canada Pension Contribution (Employee)	14	-
221	Canada Pension Contribution (Employer)	14	-
230	Unemployment Insurance Contribution (Employee)	13	-
231	Unemployment Insurance Contribution (Employer)	18	-
250	Deferred Income:		
	One Quarter Normal Expense \$10,290		
	Case History Publication 2,000		
	Carried forward to 1978 Budget 3,254	<u>15,544</u>	<u>-</u>
		<u>16,779</u>	<u>1,182</u>
	TOTAL NET WORTH	<u>\$12,723</u>	<u>\$10,371</u>
	OPENING BALANCE	\$10,371	\$ 3,902
	NET REVENUE	<u>2,352</u>	<u>6,469</u>
	CLOSING BALANCE	<u>\$12,723</u>	<u>\$10,371</u>

THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS  
STATEMENT OF REVENUE AND EXPENSES  
FOR THE FISCAL YEAR ENDED SEPTEMBER 30

APPENDIX "B"

Acct. No.		Actual		Budget
		1977	1976	1977
REVENUE				
301	Membership Fees	\$51,247	\$30,224	\$34,125
302	The Nova Scotian Surveyor	1,397	1,426	1,800
311	Board of Examiners' Fees	3,394	3,636	3,500
312	Board of Examiners' Re-reads	150	-	-
313	Board of Examiners' Papers	205	-	-
320	Yellow Page Ads	580	437	-
330	Convention Revenue	502	1,911	-
340	Interest on Investments	590	922	350
345	Continuing Education	-	-	1,100
350	Miscellaneous	299	834	900
370	Certificates of Authorization	675	-	-
		<u>59,039</u>	<u>39,390</u>	<u>41,775</u>
EXPENSES				
401	Executive	4,036	2,758	3,000
402	Discipline Committee	1,092	1,139	4,000
403	Board of Examiners	2,716	2,248	3,500
404	Complaints	49	419	200
408	Purchase Term Investments	15,544	-	-
411	Council Meetings	1,300	2,983	1,200
412	Zone Meetings	213	-	400
413	Annual Meeting	410	289	300
414	Convention Committee	-	-	-
416	Office Assistant Salary	-	-	-
417	Fringe Benefits re above	-	-	-
421	Executive Secretary's Salary	9,944	9,160	12,000
422	Fringe Benefits re above	264	-	-
423	Office Equipment and Maintenance	2,864	1,333	400
424	Office Supplies and Postage	2,847	-	2,100
425	Office Rent, Telephone, Taxes	3,012	2,700	3,200
426	Reproduction	573	608	1,200
431	Steno Services Administration	953	-	-
432	Accounting Services	1,410	-	-
435	Assn. Secretary Honorarium	-	-	-
436	Secretary Board of Examiners	-	-	-
441	C.C.L.S. Dues and other grants	1,535	-	1,320
442	Interest on Bank Loan	-	-	-
445	Miscellaneous	360	1,933	255
450	Certificates of Authorization	100	-	-
460	Committee Coordinator - Workshops	240	-	800
462	Public Relations	-	591	100
463	Private Practice	107	355	300
464	Yellow Page Ads	1,384	-	-
471	The Nova Scotian Surveyor	2,741	1,755	2,500
472	Liaison	921	100	100
473	Continuing Education	-	984	1,100
474	Case History Publication	-	-	-
481	Statutes	1,843	2,923	3,000
482	Regulations	47	606	500
483	By-laws	8	-	-
491	C.S.T.T.N.S.	150	-	-
492	Salary Review	24	37	300
493	Location Certificates	-	-	-
		<u>56,687</u>	<u>32,921</u>	<u>41,775</u>
TOTAL EXPENSES				
		<u>56,687</u>	<u>32,921</u>	<u>41,775</u>
NET REVENUE				
		\$ 2 352	\$ 6 469	

## THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS

## STATEMENT OF INVESTMENTS

AS AT SEPTEMBER 30, 1977

## APPENDIX "C"

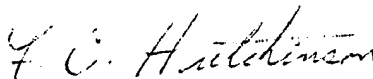
DEBENTURES

<u>Cert. No.</u>	<u>Name of Security</u>	<u>Rate</u>	<u>Term</u>	<u>Date of Maturity</u>	<u>Amount</u>
03-11462	N. S. Savings & Loan	8 1/2%	5 years	July 1/78	\$ 200
03-12143	N. S. Savings & Loan	9%	5 years	Oct. 1/78	1,000
AC00258	N. S. Savings & Loan	11%	5 years	Nov. 18/79	1,000
AC01034	N. S. Savings & Loan	9%	5 years	Mar. 1/80	<u>200</u>
					<u>\$ 2,400</u>

TERM DEPOSITS

D-03134	N. S. Savings & Loan	7%	93 days	Dec. 28/77	\$5,181.34
D-03135	N. S. Savings & Loan	7%	93 days	Dec. 28/77	5,181.34
D-03136	N. S. Savings & Loan	7%	93 days	Dec. 28/77	5,181.34

Respectfully submitted,


F. C. Hutchinson, N.S.L.S.,  
Secretary-Treasurer.

It was moved by Bob Miller and seconded by Lee Johnston that the Secretary-Treasurer's Report be adopted. Motion carried.



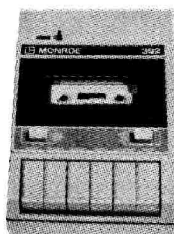


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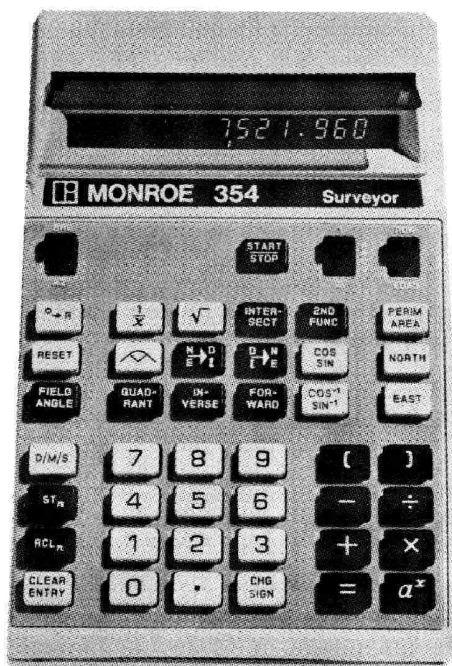


The Monroe Alpha 325 is more powerful and easier to use than any other mid-priced desktop computer in the world because:

- Built into the Alpha 325 are over 100 preprogrammed operations for logarithms, trigonometry, statistics, metric conversions and the ability to compute in degrees, grads, radians and degrees, minutes and seconds.
- Programs and data are stored on a tape cassette.
- By itself, the Alpha 325 holds 416 program steps plus 12 data registers.
- All arithmetic operations are performed algebraically, just as they're written on paper. Plus parentheses four levels deep.
- It has both a printer and display, yet it takes up less room on your desk than the average in-basket.

A magnetic tape drive is included to allow you to read programs or data into the Alpha 325. The tape drive can as easily receive programs or data from the Alpha 325 and record them for future use. And your entire program library can be stored as a unit since a single 1-1/2 ounce cassette holds over 150,000 program steps or 4,000 data values.

## 354 Micro Surveyor



You're looking at the Monroe Micro Surveyor—the very first hand-held, battery-powered programmable micro computer specifically designed for the surveying professional.

The Micro Surveyor does any kind of calculation you could ask for. Right there in the field. When and where you need it. Including all kinds of intersections, vertical angles, circular arcs, you name it. The Micro Surveyor knows what to do when you feed it bearings, azimuths, and field angles. It does direction/length to latitude and departure conversions. And vice versa. And, as you work your way around a traverse, the machine is accumulating the total area, including curved sections, and perimeter.

For the very first time, there's a portable calculating machine that works your problems exactly the way you think them. But, that's only the beginning. The Micro Surveyor does the really tough stuff, too. Like balancing, area cut-offs, horizontal and vertical curves. That's because it's a dual program machine, which means you can have two different 80 step programs in memory at the same time. Right out there in the field it will run curve stakeouts, compass and Crandall adjustments and three-point resection.

The display is big and bright. It tells you about angles in degrees, minutes, and seconds—in quadrants or azimuths.

And on those rainy days? The Micro Surveyor is a draftsman's dream. Helping with subdivision layouts, cut and fill, and every other type of calculation you could get into. And, because it's so compact, the Micro Surveyor is right at your fingertips on the drafting table.

BOARD OF EXAMINERS' REPORT - A. F. Chisholm, Chairman - (Given by Roy Dunbrack)

Another year has rolled around and to use some of the old cliches - more grey hairs - more water under the bridges!

Also, it has seen more meetings of your Board of Examiners and more people issued with certificates of qualification entitling them to practice land surveying after they have become members of the Association.

Perhaps this will be the last report of the Board under the authority granted it in the 1959 Act. If so, then so be it.

The Board of Examiners over the years since the Association was made responsible for its own affairs, has always tried to be fair and to be consistent in its treatment of the problems presented by the candidates for membership. President AuCoin, in an updated memo recently circulated has, I believe, exaggerated the case when he wrote "It has been argued by many that these recommendations should have been introduced ten or fifteen years ago..." and he is referring to recommendations of the Atlantic Provinces Certification Standards Implementation Committee. I submit that there are those who are here today who would in fact not have been present had those recommendations been requirements for registration. I also submit the Board even while working under the same Act has in fact increased its requirements over the years.

After that outburst I'll go back to discussing the Board.

The Board has enjoyed rather considerable powers enabling it to act independently of Council and of the Association; it does not have to report directly to Council or to the membership; there even is provision for payment to Board members. I say to you now that over the years the Board has not abused the trust given it in 1959; the Board members have never been paid for the time spent at meetings; the Board has never had to be specifically instructed by Council; the Board has never been seriously criticized by Council, or by you.

The authors of the new Act, and you in approving that Act, have made changes concerning the Board and moved to ensure that Council could control the Board. I am not criticizing that change. The change is a sign of the changing times in that discretionary powers and independent acts are discouraged; it is a logical development of the suspicions many of us have for those in authority, whether that authority be that of legislators, company officers, administrators, Association executives, etc.

Your Board since incorporation has seen a lot of changes, a lot of different faces, but has seen a number of faces on a repetitive basis. The Board has consisted for the past year of:

Bert Robertson, who has, I think, been on the Board since its inception.

Joe Archibald, Secretary, has held that position since the late Vince Harrison left the Board.

Roy Dunbrack has been on the Board quite a number of years and continues to add a required balance to the Board.

Tom Swanson is the Appointee of APENS and I must say that Tom, in common with his predecessors from APENS, really contributes to the Board.

Keith AuCoin is the junior member of the Board but that doesn't mean he keeps quiet in a corner, Keith has added a great deal in his one year on the Board.

Lastly, myself - I've been on the Board since its inception. I'm its second Chairman; Spencer Ball was the first, by the way I've tried to trace him through APENS and as far as I know he is living in Ontario.

Of the six, three are appointees of Council and those are Keith, Roy, and myself.

I want personally to thank the five other members; a Board cannot function without the personal contribution and involvement of its members. I tell you now, you have reason to be proud of the contribution of those five. I just sit and listen.

One would like to recognize a lot of previous contributors, previous members of the Board. I've mentioned Spencer Ball. I wish all were present to hear me say "thank you all". Perhaps the current Board and those who have served as members of the Board would stand and be recognized.

I've said enough and some of what I've said was intended to be a bit on the controversial side.

After writing the above I've discovered I won't be with you but I certainly had intended to be there to take any flak, I regret that is impossible. I wish you well and when the opportunity arises at the other meeting I have to attend, I'll drink to the success of the 27th Annual Meeting.

#### BOARD OF EXAMINERS' REPORT - J. F. Archibald, Secretary - (Given by K. P. AuCoin)

The members of the Board of Examiners for the period ending November 1, 1977 were as follows:

PROF. A. F. CHISHOLM, P. Eng., N.S.L.S., Chairman  
 KEITH P. AUCOIN, P. Eng., N.S.L.S., President, ANSLs  
 H. B. ROBERTSON, N.S.L.S., representing the Deputy Minister,  
 Department of Lands and Forests  
 A. T. SWANSON, P. Eng., N.S.L.S., appointee of APENS  
 ROY A. DUNBRACK, N.S.L.S.  
 J. F. ARCHIBALD, N.S.L.S.

The Board held four regular meetings during 1977.

Examinations were held December 20th, 21st and 22nd, 1976 and on May 24th, 25th and 26th, 1977, during which some 39 candidates wrote Intermediate Examinations, some 60 candidates wrote Finals Part I and 36 candidates wrote the Finals Part II, a total of 135 candidates.

Success ratios for subjects written were for Intermediates 94%, Finals, Part I, 83% and for Finals Part II, 76%.

The following eleven candidates having completed the required examinations served the required surveyor-in-training periods to the satisfaction of the Board are to be presented with their Nova Scotia Land Surveyor's Certificates on November 5, 1977:

<u>Name</u>	<u>Date Approved</u>
Aucoin, James F.	Feb. 9, 1977
Backman, Arthur C.	July 19, 1977
Eaton, Alan R.	Feb. 9, 1977
Harnish, William D.	Feb. 9, 1977
Higgins, Norval S.	Sept. 8, 1977
Murray, Peter A.	April 26, 1977
MacDonald, Grant T.	April 26, 1977
Nutter, Kirk T.	Oct. 18, 1977
Parker, Garry S.	April 26, 1977
Redden, Robert S.	April 26, 1977
Turner, Bruce E.	June 16, 1977.

It was moved by Joe Archibald and seconded by Bert Robertson that the Board of Examiners' Report be adopted. Motion carried.

REPORT OF NOVA SCOTIA LAND SURVEY INSTITUTE - William E. Chambers

It is my pleasure to present to you the report from the Survey Department of the Nova Scotia Land Survey Institute.

Graduates last spring	21 Survey 1st Year
	23 Survey 2nd
	9 Survey Assistants
Current Enrolment	34 Survey 1st
	21 Survey 2nd
	4 Photogrammetry 1st
	1 Photogrammetry 2nd.

CHANGES - The photogrammetry students are now included in the Survey statistics because of the changes made in the photogrammetry program. These changes include moving this section under the wing of the Survey Department.

Changes were also to include 90 hours of instruction in photogrammetry in the first year of the survey program. This was accomplished by increasing the length of field work days to 8 hours and appears to be working successfully.

The general type of student this year is considerably different from previous years. In the first year there are seven students with their first degree and one with a second degree. Eleven others have further training since high school. In the second year of the program there are three with degrees, one with a second degree and seven with further training. One wonders if this is a result of the downturn in the economy and lack of jobs or a search for training in a saleable skill.

Changes have been implemented in the survey field work. Emphasis have been placed on control exercises. An effort has been made to integrate the control field work with the legal exercises. Closer supervision of the field work program in both first and second year has been implemented, drawing on the wider diversities of the instructors' backgrounds in field practices.

Two sets of precise levelling equipment have been purchased and the students are given field assignments in their use.

A daily work sheet for the students is in the works. We are hopeful that this will give us a better insight into the use of existing equipment. It will also develop the appreciation of the problem of cost analysis for doing different projects. This will assist the instructor in determining the efficiency of crew placement by each student party chief.

Work sheets are used in industry and these will enable the student to cope with them effectively so that the employer will better appreciate his efforts.

I have been appointed as Department Head succeeding Phil Milo. The appointment to Department Head is a normal two years. This policy enables a selection of the instructor to be exposed to some of the problems associated with budgeting and administration. This also allows for an exchange in ideas and different approaches to the problems we are faced with. Hopefully, I will be able to measure up to such a worthy predecessor.

A safety program has been instituted and the time spent on such a program is considered by most to be time well spent. To most people surveyors seem to have a devil-may-care attitude toward safety and large dividends might be realized from a small input were such a program instituted through the Association members.

\*\* COMMENTS - PRINCIPAL, NSLSI \*\*

It is within the realms of possibility that this will be the last Annual Meeting where graduates of our survey program, as a group, may realistically aspire to membership in our Association.

I thought it might, therefore, be appropriate to say something of our over-all activities at this stage of affairs and something about how we see the next few years.

We have 109 students enrolled in our programs, at this moment. The programs we offer are:

Surveying	Cartography
Survey Assistant	Planning
Photogrammetry	Remote Sensing
Property Mapping	

The planning and remote sensing programs began in November 1976 and in October 1977 respectively. The remote sensing program is the first (and at this stage, the only) such program in the country, and we have hopes that it will remain just this. If other similar programs are developed elsewhere, then we will experience difficulties. This is the situation in photogrammetry where various programs across the country are turning out in total more than industry can absorb.

Our instructional staff of 14 is divided equally between those who are registered Nova Scotia Land Surveyors and those who are not. The ratio of N.S.L.S.'s to other staff will decrease, I believe, as time goes on. This is because all N.S.L.S.'s are graduates of the Institute itself. This is not a very healthy situation, either academically or practically.

While on the topic of staff, one might remark that at least half our staff at any one time is knowledgeable to some considerable degree in mapping and surveying techniques, yet none are eligible for membership in our Association. This ought to give pause for thought.

We have reached the stage where we need computer services rather more sophisticated than that offered by the programmable calculator we now possess. Just last week we held discussions about how we may be able to relate to the Atlantic Provinces University Computer Network. At the moment, great changes are underway in industry - storage capacity is going up and prices are coming down. One is advised to shop around very carefully before backing any particular model. One should also investigate the extent to which necessary programs already exist.

Our Library is finally beginning to take shape - Albeit Slowly. We hope to have a top notch technical library within the general field of surveying and mapping, together with a good selection of other books and references. We want to include some technical references in French in order to help students and staff who have this language to greater or lesser degree.

The effect of the proposals before our Association tomorrow will be to reduce our enrolment in the survey program. This reduction in numbers will continue for a number of years - probably at least five. At that point, I expect enrolment will come back to about 60 in both years of the program, though the general level of competence of the student will be lower than it is now.

In so far as I am aware, there is no intention on the part of the Department of Education of offering anything beyond the two-year survey program we now have.

With the addition of a third year to our program, the graduate who came to us with Grade XII might well be a healthy equivalent of a university program at the Bachelor's level. Such a program could be offered in response to a demonstrated need. If the Association of Nova Scotia Land Surveyors wanted such an arrangement they would

have to ask for it and justify it. It could not automatically be provided.

Generally speaking, having regard to the future of Nova Scotia Land Survey Institute over the next dozen years, we anticipate two major problems:

- a) A decreasing population from which to draw our students.
- b) Universities offering technical programs (i.e. Certificate or Diploma Programs) as well as the degree programs they now offer, and thus competing directly with us for students.

These factors will affect all technical institutes - not just the Land Survey Institute.

It was moved by W. E. Chambers and seconded by Ed Rice that the Nova Scotia Land Survey Institute Report be adopted. Motion carried.

#### COMPLAINTS COMMITTEE REPORT - F. C. Hutchinson

During the year 1976-1977 the Complaints Committee has held five meetings and have dealt with seventeen complaints. Seven of these complaints were carried over from the previous year.

The majority of the complainants were quite sincere and generally had tried to resolve their complaint previously with the surveyor.

There have been occasions, however, where the surveyor was unaware of a complaint until receiving a letter from the Committee.

There were four (4) complaints turned over to the Discipline Committee for their review, one (1) complaint resulted in the Secretary-Treasurer filing a complaint of gross negligence and incompetence against a member of the Association and twelve (12) complaints have been resolved or considered closed.

I am pleased to inform the members of the Association that we presently have no active complaints being dealt with by the Complaints Committee.

In conclusion, I would like to express my thanks to John C. MacInnis, Donald L. Parker, J. Gary Glenn and D. Lee Johnston who assisted me as Committee members. Their experience and opinions were most appreciated.

It was moved by John C. MacInnis and seconded by Tom Swanson that the Complaints Committee Report be adopted. Motion carried.

#### DISCIPLINE COMMITTEE REPORT - Murray J. Banks

The past year has once again been busy for the Association's Discipline Committee. Four cases were forwarded by the Complaints Committee to the Discipline Committee for consideration and possible action. Two of the cases resulted in the Discipline Committee directing the Secretary-Treasurer to lay two further complaints in the name of the Association against two members charging them with professional misconduct for failing to answer correspondence during the investigation of the original complaints.

The first case involved a complaint by a client of Robert J. Donovan. The case was investigated and satisfactorily resolved without any disciplinary action being taken by the Committee. The second case also involved a complaint by a client of Mr. Donovan. During the investigation of this complaint Mr. Donovan neglected to respond to letters of correspondence from the Committee. This hindered the investigation and resulted in the Committee directing the Secretary to lay a complaint in the name of the Association charging Mr. Donovan with professional misconduct. A discipline hearing was held and Mr. Donovan was found guilty as charged. The Committee's recommendation for disciplinary action was passed onto Council for consideration. Council subsequently assessed a fine of \$100.00 against Mr. Donovan. Upon payment of the fine,

the original case was re-opened and satisfactorily resolved without further disciplinary action being necessary.

The third case involved a complaint by a client of Brian A. Anderson. During the investigation of the case Mr. Anderson also neglected to respond to letters of correspondence from the Committee. Consequently a complaint was laid by the Secretary in the name of the Association charging Mr. Anderson with professional misconduct. A discipline hearing was held and the accused was found guilty as charged. The Committee's recommendation for disciplinary action was passed onto Council for consideration. A fine of \$100.00 was assessed against Mr. Anderson. The original case was re-opened upon payment of the fine and was satisfactorily concluded after Mr. Anderson complied with the directions of the Committee.

The fourth case involved a complaint by a member of the Association against Frank Longstaff. A discipline hearing was held resulting in the Committee issuing written instructions to Mr. Longstaff for corrective action in regards to the case. No action by Council was necessary but the case still requires follow-up by the Committee until such time as the requirements outlined in the instructions are fulfilled.

In conclusion, I would like to sincerely thank the other eight Committee members who faithfully turned out to Committee meetings and hearings over the year. It certainly is not a pleasant task having to take disciplinary action against a fellow member. Since we are a self-governing body, however, it is a task that must be done.

Roy Dunbrack commented that the recommendation of the Discipline Committee to Council with respect to cases against Donovan and Anderson was for a fine of \$1000. The Executive Committee felt this should go to our Solicitor for comment. He recommended that since these were first offences, that the fine be a nominal figure and suggested \$100. Council, therefore, adopted his recommendation.

It was moved by Murray J. Banks and seconded by Fred Roberts that the Discipline Committee Report be adopted. Motion carried.

#### EXECUTIVE SECRETARY'S REPORT - Allison B. Grant

My report will basically deal with two areas:

- 1) The Executive Committee
- 2) The operation of the Association office.

Firstly, the Executive Committee, composed of K. P. AuCoin as Chairman, M. J. Banks as Vice-Chairman, F. C. Hutchinson, I. P. Macdonald and myself, was set up by Council with the authority to expedite handling of matters not requiring the attention of the full Council.

During this year of many changes, ten meetings of the Executive Committee were held, dealing with certain matters of:

- discipline under the instruction of Council
- equipping the Association office
- recording the acceptance of new members, particularly members of APENS, or those who practiced under the Grandfathers' Clause.

Following the recommendations of Mr. Ed Rice in his excellent financial reports of the two previous years, wherein he forecast the financial position of the Association, the Executive Committee was authorized to act in the capacity of Financial Committee to monitor the budget.

All proposed major items of expenditure were, therefore, discussed at the meetings of the Executive Committee.

Operation of the Association Office - Many alterations were and are required to efficiently maintain the office. Although the position of Executive Secretary was

accepted on the basis of an average 30 hour week (including time spent at various meetings), it soon became apparent that a 30 hour week was a myth.

During the presentation of the budget, recommendations will be evident for items which will enable the office to operate effectively, in line with expanded requirements.

Since January of this year additions were made to the scant furnishings.

A reasonably accurate Roll of Members, as of March 31 was printed. Several supplementary lists were prepared as membership increased. These are backed up by individual files on each member of the Association in good standing.

There is a file on each Company that has been issued a Certificate of Authorization to practice land surveying and also those whose applications were refused or delayed.

Business, Committee, Zone and related files have been established and are workable.

All of the files still require continual updating and labelling by a Clerk Type of person.

Bookkeeping and clerical work aside, the telephone was still the most time consuming device in the office. In the early months complaints came thick and heavy. About 40% of the calls were in reference to complaints, or imagined complaints, against surveyors. Many were matters of boundary disputes where I could only recommend that the party seek the advice of a lawyer. Many others were complaints re overcharging and most of these I could handle by relating my own personal experiences in these matters. You all will understand that most of these conversations were quite lengthy.

A large volume of calls were from law offices, with reference to addresses and telephone numbers of Nova Scotia Land Surveyors who had signed plans, yet could not be located.

The remainder were primarily administrative.

A workable and expandable accounting system was set up by Mr. Alec MacMillan, R.I.A., in consultation with the Executive Secretary.

A Messenger Service was employed, as required, for mail pick-up and cross town deliveries.

A dictation/transcriber was purchased to facilitate more efficient preparation of outgoing mail, transcription of minutes of meetings and forwarding instructions to Miss D. E. Lowe.

A photocopier was recently leased to assist in maintaining files, preparation of multi-addressed items, especially matters relating to this Annual Meeting.

Various systems were set up to promote more efficient day-to-day operation of the office.

At this time I would like to thank all members of the Executive Committee for the assistance they accorded me during the year and the Council Members for their faith in my judgment.

I would also like to take this opportunity to thank Walter E. Servant for his valued help during my period of hospitalization.

Lastly, a very special thank you to Miss D. E. Lowe for her continued excellent performance, as Confidential Secretary.



It was moved by A. B. Grant and seconded by Murray J. Banks that the Executive Secretary's Report be adopted. Motion carried.

#### CANADIAN COUNCIL OF LAND SURVEYORS - Ivan P. Macdonald

The Canadian Council of Land Surveyors is a national body incorporated by the Government of Canada, February 1976. Each Provincial Land Surveyors Association or Corporation in Canada make up the membership of the Council. The member Association or Corporation is represented by the respective Presidents and the on-going business of the Council is carried on by Directors appointed by the local organization.

I have had the pleasure of representing you as your Director for the past year. As your Director, I have attended two meetings of C.C.L.S. One meeting was held in Ottawa in May 1977, and the second meeting was held November 2nd and 3rd, prior to this Annual Meeting.

C.C.L.S. is actively pursuing the objects of the Council with the on-going work of a standing Committee structure and by the Executive. The Standing Committees which are of interest to us all are:

1. Competitive Bidding and Combines Investigation Act - which will be monitoring any Combines Act legislation or policies that affect the land surveying profession. Advertising and fees for services are prime subjects this Committee studies and comments on.
2. Profession Liability (Errors and Omissions) Insurance Committee - As a result of the questionnaire we have completed lately, C.C.L.S. has taken the following action to, hopefully, effect a National Insurance System.
  - a) Our recommendation is to request at least two proposals from brokers on professional liability (Errors and Omissions) Insurance based on programs currently operational in Ontario and Quebec.
  - b) To request a proposal from an insurance consultant to review and comment on the above proposals.
  - c) That the Committee be authorized to spend up to \$500.00 on consultant fees.
  - d) The Committee Report as soon as possible to the Executive Committee with recommendations.
3. Education Committee - Everyone is interested in continuing education and C.C.L.S. is desirous to participate in the coordination of as many of the local continuing education programs as is available. The Canadian Institute of Surveying has also indicated that that organization will cooperate and assist where possible in continuing education programs.

Public Relations - C.C.L.S. members are aware of the need of good public relations. Yesterday an interview was made by the C.B.C. and it was the object of the C.C.L.S. Executive to point out aspects of surveying which all surveyors would want to put before the public.

Metric Conversion - You might have heard that the western farmers have rejected the metric area of hectares and the Minister of Agriculture has said recently that we will have acres within the metric system. C.C.L.S. realizes that acres in the metric system will only make the conversion very meaningless. C.C.L.S. will be heard at the national level on issues like this.

C.C.L.S. - C.I.S. Liaison - There is a very good working together attitude between the two organizations. This attitude has resulted in an exchange of information respecting all the aspects of surveying.

C.C.L.S. has a representative on the newly formed Advisory Board of the Board of Examiners for Canada Land Surveyors, formerly known as Dominion Land Surveyors.

The new officers for the period 1977-1978 were elected on November 3, 1977 and are as follows:

President	- Maurice Gaudreault, Quebec
Vice President	- James Deardon, Ontario
Secretary-Treasurer	- Ken Allred, Alberta.

C.C.L.S. is the organization which is acting for you on a national basis through your Director. Many good things will result in a unified survey community.

It was moved by Ivan P. Macdonald and seconded by L. R. Feetham that the Canadian Council of Land Surveyors' Report be adopted. Motion carried

#### SCRUTINEERS' REPORT - F. C. Hutchinson

The following is a list of the ballots mailed out for the Annual election:

Zone 1 -	33 (includes 1 Life and 1 Honorary)
2 -	35 (includes 1 Life)
3 -	33 (includes 1 Life)
4 -	30 (includes 1 Life)
5 -	29 (includes 2 Life)
6 -	109 (includes 3 Life and 3 Honorary)
Zone 0 -	30 (Members outside Province, includes 2 Life and 2 Honorary)
0 -	<u>23</u> (Non Practicing Members)

322 Total Ballots mailed.

Membership as of October 16, 1977:

Regular	282
Non Practicing	23
Junior	16
Associate	2
Life	12
Honorary	<u>8</u>
Total Membership	<u>343.</u>

The following are the results of the 1977-1978 election and composition of the new Council:

President	Murray J. Banks
Vice President	Walter C. Rayworth
Zone 1 (second term)	Errol Hebb
2 (elected)	Phil M. Milo
3 (elected)	David L. Crooker
4 (second term)	J. Edward Hanifen
5 (second term)	Wayne D. Hardy
(elected)	Roderick K. MacInnis
6 (second term)	Fred W. Roberts
(second term)	J. Gary Glenn
(elected)	Donald V. Purcell
(elected)	Robert A. Daniels.

It was moved by F. C. Hutchinson and seconded by John C. MacInnis that the Scrutineers' Report be accepted as read. Motion carried.

#### CERTIFICATE OF AUTHORIZATION REPORT - F. C. Hutchinson

The new Land Surveyors Act has created the need for Certificates of Authorization to be granted to corporations practicing land surveying in the province of Nova Scotia.

As of November 4, 1977, a total of 26 such Certificates have been issued out of a total of 28 requests.

It appears that there are still several corporations operating in violation of the Act throughout the province and may be subject to prosecution in the near future.

It was moved by F. C. Hutchinson and seconded by Marcellin Chiasson that the Certificate of Authorization Report be adopted. Motion carried.

**\*\* COMMITTEE COORDINATOR REPORT - MURRAY J. BANKS \*\***

The Association has to plan and act effectively on a number of matters which are not always closely related in order to properly discharge its responsibilities. To do this in a systematic manner, Council, over the past few years, has initiated an organizational structure of standing committees, each with its own tasks to perform. This structure was illustrated on the last page of the April issue of "The Nova Scotian Surveyor".

This past year has been a busy one for many committees. The work load of each individual committee, of course, is dependant on the priority of the work being carried out. For example, this year the By-law and Regulation Committees have been extremely busy since the passage of our new Act trying to get these respective documents ready for consideration by the members. Over the past year also, the Continuing Education Committee got underway and we can be looking for increased activity from this Committee. The four Division Directors and myself held several meetings to review the terms of reference of all Committees and to revise them where necessary.

One Workshop was held at the Nova Scotia Land Survey Institute and was well attended.

Before I call on the Committee Chairman to present their annual reports, I would like to take this opportunity to thank the Division Directors, Committee Chairmen, and all Committee Members for their efforts over the past year. The work of these various in-house Committees mean the difference between an Association that is just getting by and one that is flourishing and continuously striving for improvement.

THE NOVA SCOTIAN SURVEYOR REPORT - Burt L. Cain

Two steps were taken early this year which will have a long term effect on our journal.

Firstly, in conjunction with other committees, terms of reference were set out for the Surveyor and adopted by Council. These, for the first time, outline the role and objectives of the Surveyor and should provide a stabilizing and guiding influence.

Secondly, the Committee structure was consolidated or rebuilt essentially to provide for the gathering of material under four broad categories - historical, technical, legal, and Association affairs. An associate editor is responsible for each category and with each member pulling his weight, the task of the editor is a much more pleasant one, being freed to concentrate on coordinating the whole effort.

Our efforts were rewarded in being able to publish the four scheduled issues this year. These, we believe, were generally interesting and informative.

Due to the increase in our membership, the number of copies printed for the October issue was increased to 450 from the previous 400. To meet increased printing costs due to both the larger number of books and inflationary factors, the cost per page increased from \$10.00 to \$12.65 (20 per cent). The cost of printing and stuffing the envelopes for mailing a 36-page book is roughly \$575, including taxes.

Our revenues from advertising has remained stable over the past year. There were thirteen ads in the last issue, bringing revenue of \$387.50.

Ivan Macdonald will be returning as Editor as of November 15, 1977, after a three year break. We can anticipate a fresh approach to things and trust that Ivan will be supported by strong Committee members and the membership at large.

It was moved by Burt Cain and seconded by Tom Swanson that The Nova Scotian Surveyor Report be adopted. Motion carried.

The meeting recessed at 12:00 p.m. for the C.I.S. Luncheon which was chaired by Branch Chairman, Len Kincaid, and guest speaker Dave Usher, President of C.I.S.

2:00 P.M. FRIDAY, NOVEMBER 4, 1977

LOCATION CERTIFICATE COMMITTEE REPORT - W. E. Servant

At this Association's Annual 1976 Meeting, a paper was presented by Mr. W. E. Kelleher, a Nova Scotia Barrister. His paper entitled "The Role of the Lawyer in Property Transaction" dealt with his problems in giving Certificate of Title and his survey requirements.

Members of this Association have often expressed their concern about their obligation to the Mortgagee, Mortgagor and others from the type of survey mortgage certificate being issued. Mr. Kelleher stated that surveyors had reason to be concerned and so have the lawyers. As a result of the Association's awareness of these concerns I was appointed, early in 1977, to meet with lawyers and mortgagees in an attempt to draft a certificate suitable to the mortgagee, lawyer and surveyors.

In the summer of 1976, prior to our last Annual Meeting, I had been engaged by a mortgage company to draft, with the aid of their lawyer, a suitable certificate.

Our first draft which was agreeable in content to the three parties: - Surveyor, lawyer and mortgagee contained most of those items recommended by Mr. Kelleher's paper. See Schedule "A" attached. A survey to supply such a certificate would generally cost the client at least \$1,000.00 which the mortgagee declared would be too expensive.

Our second draft was prepared with a \$200 - \$300 survey charge in mind and which was agreeable to the mortgage company. See Schedule "B". The second draft prepared in November 1977 requires from the surveyor less than the lawyer desires and is an attempt by the surveyor to opt out of all but the minimum liability, which is not a professional attitude. The second draft was printed by the mortgage company for a trial use. In March the mortgage company asked for, in addition to the second draft, a surveyor's mortgage certificate and plot plan, a simple written type of certificate for properties which to the mortgagee would seem to be a simple problem requiring little more than an inspection. After several months of debating the terms to be used, the certificate (Schedule "C") was printed for trial use.

Recently I contacted the offices of the mortgage company and have been advised that they have found the form Schedule "C" satisfactory for their requirements and are using it for all but the very high cost commercial properties at which time they use a type similar to Schedule "B".

This simple written certificate is most unsatisfactory in my view as well as the surveyors and lawyers who I interviewed. It is doubtful as to what the surveyor is certifying and it is of little value to the lawyer.

In summary, I must say that I have made no progress with this certificate in the past year and a half. At a meeting of the Nova Scotia Mortgage Lenders, companies other than the one I was dealing with appear to be quite satisfied with the present system.

My recommendation is for a surveyor/lawyer group to make a joint proposal if they can agree to the Association of Nova Scotia Mortgage Lenders whose present chairman is Robert Brownrigg, c/o The Nova Scotia Savings and Loan Company.

## RECOMMENDATIONS FOR SURVEY

## - SCHEDULE "A" -

## CONTENT OF SURVEY PLAN:

1. Set forth the lot number, particulars of the registered plan, particulars for approval of the lot;
2. Reference should be made to the description provided by the Solicitor or Client, the description should be incorporated in the survey certificate;
3. Civil number should be shown;
4. Adjoining lots should be identified;
5. Road frontage should be identified and intersecting streets identified;
6. The dimensions of all buildings and structures on the land and the number of storeys of each and/or the dimensions of all foundations of all improvements under construction;
7. The measurements and bearings and the boundaries of the lands and any discrepancy between the legal description of the lands and the lands as marked or enclosed on the ground;
8. The distance of the walls of the buildings from all property lines;
9. Set out fences, hedges or other "monuments" and the approximate age of same;
10. Any encroachments on or from adjacent lands;
11. Identification of the corners of the property;
12. The location of all easements;
13. The kind of building;
14. The number of storeys, i.e. 1, 2 or 3 storeys;
15. Scale.

The survey certificate should, of course, be signed by a licensed Nova Scotia Land Surveyor who certifies that he has:

- a) Received a copy of the description of the property from his client;
- b) That he has visited the site and performed such survey of the subject and other properties as in his opinion and necessary for him to provide the information required;
- c) That he has searched the records of the Registry of Deeds, or other public records, and made such inquiries as in his opinion were necessary for his survey purposes;
- d) He should express by positive statement any discrepancies between, for example, the description and the survey findings, encroachments, easements, etc. and identify them;

And finally the lawyer or client should provide for the surveyor a requisition, property description, deed references, plan references and search information which will clearly state the purpose of the survey and request the information required by the lawyer to be supplied by the surveyor.

## SURVEYOR'S MORTGAGE CERTIFICATE AND PLOT PLAN

- SCHEDULE "B" -

(Space for Sketch)

To: Central and Eastern Trust Company, the Mortgagee  
 ( ) Branch

- and -

( ), the Mortgagor

Mortgage No. \_\_\_\_\_

Property Location: \_\_\_\_\_  
 \_\_\_\_\_

Property: \_\_\_\_\_

This to certify to the above Mortgagor and Mortgagee that I have inspected the above designated property and have found it to be free from apparent encroachments, easements and rights-of-way, except as indicated on the above plot plan, and that the same property has a depth and frontage as shown thereon.

I further certify to them that I have found the (footings) (foundation(s)) and/or (building(s)) (being) constructed thereon (to be) (not to be) entirely within the boundaries of said property and to be located as shown on the above plot plan.

## NOTE:

1. Delete all non-applicable bracketed words from Certificate.  
 2. The Plot Plan should relate the property to the nearest Public Roadway and, there practical, the distance to the nearest intersection. It should also indicate any relevant fences, walls, hedges, driveways or monuments.

DATED: at \_\_\_\_\_,  
 Nova Scotia, this \_\_\_\_\_ day  
 of \_\_\_\_\_, A.D. 19 \_\_\_\_.

Certified by: \_\_\_\_\_  
 A Nova Scotia Land Surveyor

- SCHEDULE "C" -

TO: CENTRAL AND EASTERN TRUST COMPANY

AND

JOHN DOE - THE MORTGAGOR

MORTGAGE NUMBER 123456

PROPERTY LOCATED - 32 Pine Street  
 Halifax, Nova Scotia  
 County of Halifax

## MORTGAGE LOCATION CERTIFICATE

This is to certify to the above Mortgagor and Central and Eastern Trust Company that I have inspected the above designated property and a legal description of which is annexed hereto as Schedule "A" where marked, and have found that the building and/or buildings located are on the above designated property.

DATED AT Halifax, Nova Scotia  
 this \_\_\_\_\_ day of \_\_\_\_\_ A.D. 19 \_\_\_\_

Certified by: \_\_\_\_\_

\_\_\_\_\_  
 Nova Scotia Land Surveyor

It was moved by Walter E. Servant and seconded by Phil Milo that the Location Certification Committee Report be adopted. Motion carried.

PRIVATE PRACTICE COMMITTEE REPORT - W. E. Rayworth

Members of this Committee are as follows: - Allen M. Hunter, Robert L. Hunt and Everett B. Hall and John S. Pope as Division Director.

These members joined this Committee in April of 1977. We held one general Committee Meeting at the April 23rd Workshop at which we discussed our terms of reference and attempted to catalogue fields of interest of the Private Practice Committee.

Shortly thereafter our President, Mr. AuCoin, asked us to look into the question of Errors and Omissions Liability Insurance. We circulated a questionnaire which you all saw and followed up with a series of meetings concerning the insurance in the various regions. I have made a report of this investigation to date with recommendations to Council. You will have a chance to study these recommendations at a future date.

Negotiations are continuing with the insurance people.

In future, your Private Practice Committee hopes to be able to serve you in a variety of ways while dealing with your various problems.

It was moved by Walter E. Rayworth and seconded by Barrie Hebb that the Private Practice Committee Report be adopted. Motion carried.

PUBLIC RELATIONS COMMITTEE REPORT - Ronald S. Dunn

As a relatively new Committee the terms of reference were finalized in April and the majority of the Committee Members attended the Workshop held in late April in Lawrencetown.

Three meetings were held since then and various avenues of public relations were explored. A position paper was produced so that all of the Committee were in agreement of what we believe constitutes good "Public Relations".

From another meeting with provincial public relations officials a listing of all newspaper/radio/television was compiled for future use.

The concept of naming a "Nova Scotia Surveyor of the Year" was presented to Association President and flow charts depicting the various alternate procedures were also submitted for the President's consideration.

Investigation of the feasibility of printing new pamphlets, (what they should contain, cost, etc.) is still being explored and will be submitted to Council when completed.

Consideration of a suitable logo for the Association is under review and this will be duly presented through the Committee Coordinator.

And, of course, we have arranged media representation of this Annual Meeting.

I would like to thank the Committee Members, David Hiltz, Garnet Clark and Burney Smith.

It was moved by Ronald S. Dunn and seconded by Marcellin Chiasson that the Public Relations Committee Report be adopted. Motion carried.

## OBITUARIES

WALTER EMERSON SERVANT  
(1918-1977)

Walter E. Servant, 59, 2769 George Dauphinee Avenue, Halifax, died Wednesday, November 9, 1977 in Victoria General Hospital.

Born in Yarmouth, he was the son of Emerson Servant, Yarmouth and the late Gladys (Porter) Servant.

Walter was President of Servant, Dunbrack, McKenzie and MacDonald Limited until his retirement earlier this year. He began his surveying career in the timberlands of New Brunswick. Prior to the Second World War he worked on construction surveys. During the War he served in Canada and North West Europe as an Artillery Surveyor.

Following his discharge, he attended Nova Scotia Land Survey Institute and spent 10 years with Crown Lands Survey Section, Province of Nova Scotia. In 1957 Walter opened a private practice survey office in Halifax.

He was past President of The Association of Nova Scotia Land Surveyors, Chairman of the Nova Scotia Land Survey Institute Advisory Committee. Provincial Councillor of the Canadian Institute of Surveying and Past-Chairman of the Halifax branch a trustee of the Canadian Institute of Surveying Technology Scholarship Fund and a Fellow of the American Congress on Surveying and Mapping.

He was a member of Halifax Board of Trade, the Waegwoltic Club, the Armdale Yacht Club and Hiram Masonic Lodge, Yarmouth.

Since his retirement Walter was appointed an advisor to the Surveying Engineering Department, University of New Brunswick.

Surviving besides his father, are his wife, the former Phyllis Jeanette Allen; two sons, Gregory Walter, Hartford, Conn.; Stuart Allen, Fall River; a daughter, Janet Elizabeth, at home; two sisters, Amy (Mrs. Frank Brobyn), Toronto; Helen (Mrs. Douglas MacGregor), London, Ontario; and a grandson.

Funeral service was held Saturday, November 12, at 9:30 a.m. in West End Baptist Church, Rev. Rodin Evans officiated. Burial was in Fairview cemetery.

\* \* \* \* \*

EDMUND ALBURN CRAWLEY  
(1883-1977)

Edmund Crawley, 94, of 6339 Coburg Road, Halifax, died Thursday, November 10, 1977, in Camp Hill Hospital.

Born in Wolfville, he was the son of the late Edmund Sidney and Annie (Payzant) Crawley.

He served overseas during the First World War as a lieutenant with the 85th Highlanders and was wounded at Paschaendale.

....see opposite page



# EDMUND ALBURN CRAWLEY (cont.)

He was a graduate of Acadia University and a Civil Engineer by profession. For many years he was employed as a Divisional Engineer with the Department of Highways, Province of Nova Scotia. He was also employed on railroad construction in western Canada and Mexico. He was a Life Member of the Association of Professional Engineers of Nova Scotia, a Life Member of the Royal Canadian Legion and the Engineering Institute of Canada the Royal United Institute of Nova Scotia and a Life Member of the Association of Nova Scotia Land Surveyors.

Surviving are two brothers, Hugh A.A. Bermuda; Sidney J., Victoria, B. C.; a sister, Dorothy Nichols, Halifax; and several nieces and nephews.

He was predeceased by a brother, Fred and a sister, Helen.

Burial was in the family plot in St. John's cemetery, Wolfville.

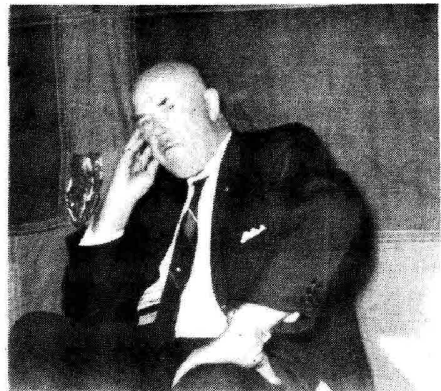
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## MURRAY FREDERICK COSSITT (1892-1977)

Murray F. Cossitt, P. Eng., N.S.L.S. passed away in Sydney on September 10, 1977. He was born on June 2, 1892, in Sydney, Nova Scotia.

His first experience in the surveying field was from 1911 to 1914 with Nova Scotia Mines Department surveying mineral leases throughout Cape Breton.

He then emigrated to the Halifax area and for the next five years worked on such projects as the St. Margaret's Bay Power Development, Halifax Ocean Terminals, Imperial Oil Plant, Halifax Shipyards and as Assistant Engineer for the Halifax Relief Commission after the Halifax Explosion. During this period through experience and study he qualified and received his commission as a Land Surveyor and became a Civil Engineer.



He then went to Newfoundland and worked on survey projects in the Gander area. During this period he was assisted by Joseph Smallwood who later became the First Premier of Newfoundland. He was also for five years the Resident Engineer for the town construction of the Town of Corner Brook, Newfoundland.

Returning to Cape Breton he worked as Engineer for Atlantic Gypsum Products at Cheticamp and Dingwall.

In 1936 he became the City of Sydney Engineer and continued in that position until retirement in 1950. After leaving the City he carried out private survey work. He was always very thorough, fair, and precise in his work. He possessed a keen memory for particularly survey data and dates which to whom all that knew him could attest. He was always considerate of others and ready and willing to oblige.

Murray was very interested in The Association of Nova Scotia Land Surveyors and loyally followed its course. He was endowed with a sense of humour and was often seen at Association gatherings in a group telling a joke or chuckling at someone else's.

Murray was a Life Member of The Association of Nova Scotia Land Surveyors, a Member of the Canadian Institute of Surveying, and a Life Member of the Engineering Institute of Canada.

**nw**  
**wade**

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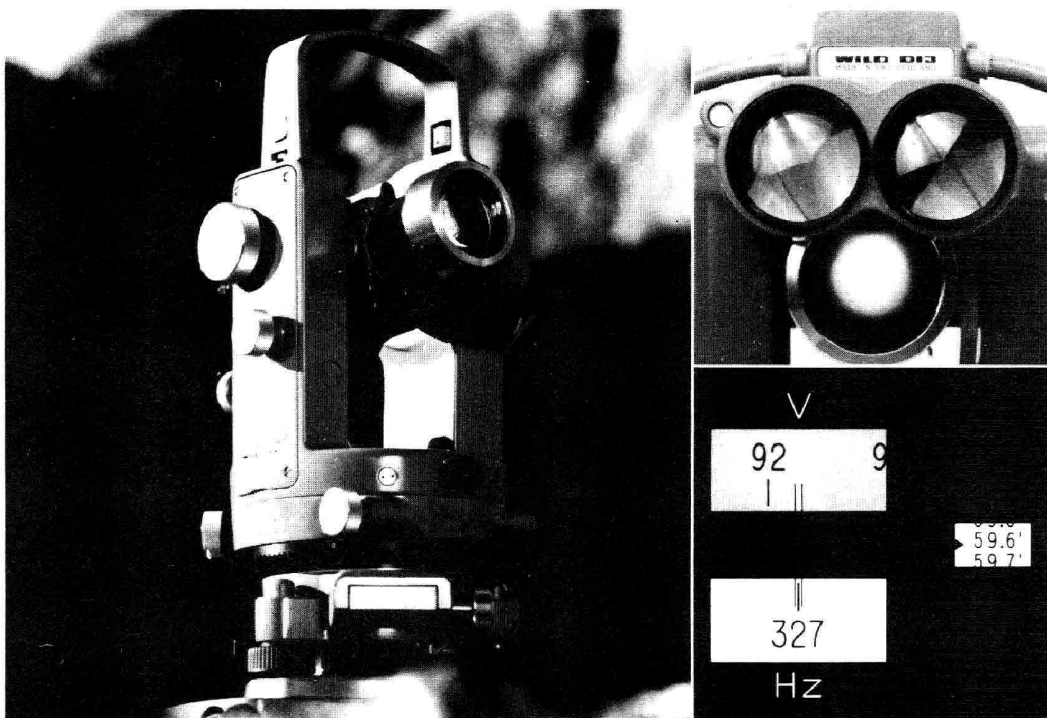
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easy-to-focus optical plummet and Wild's famous detachable tribrach. Add a 30x telescope with coarse/fine focussing, an optical sight and a detachable carrying handle. And note the telescope transits with the DI3 mounted, so Distomat users can now turn angles in both positions.

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### STATUTES COMMITTEE REPORT - *Fred W. Roberts*

Under the new structuring of the Committee system the old Legislative Committee is now referred to as the Statutes Committee. Over the past year the Committee's efforts have been directed mainly toward two areas of concern: - the Land Surveyors Act and the proposed Land Titles package developed by L.R.I.S.

It seems that I have been reporting to you year after year for so many years now on the progress of the proposed Act. As you will all know by now Bill 128 was passed into law as the new Land Surveyors Act in May of this year. You will forgive our Committee, I hope, if we express some feeling of pleasure and relief at the completion of a lengthy and rewarding task.

You will also know of the unlimited liability provision of Section 22 of the Act, but you may not be aware of the fact that this Section was added by the Provincial authorities. Your Committee made every effort to prevent its inclusion by appealing to the Minister of Lands and Forests, the Attorney General and by appearing with our Solicitor before the Law Amendments Committee; however, our efforts were to no avail, so we will have to live with that Section for the time being at least.

The second major concern of the Committee has been the proposed Land Titles Legislation by L.R.I.S. under the Council of Maritime Premiers. During the early summer and through the summer months the L.R.I.S. program for that legislation came sharply into focus in terms of timing and finalization for presentation to the respective governments. Your Committee made considerable effort, both for your Association and in conjunction with New Brunswick and Prince Edward Island, in developing a reasoned and objective assessment of the draft legislation and presented views and recommendations which we felt would effectively convey the sincerity and concern of the surveying profession. Both a Nova Scotia presentation and a joint submission of the three provinces were made to L.R.I.S.

The fact that the legislation has been substantially revised in the areas of our concern is perhaps some indication that our efforts were worth while.

There has been a recent important new development with respect to the whole legislative package. The Council of Maritime Premiers at their meeting in late September, took some firm decisions which have fundamentally changed the administration of the Land Titles System as previously envisioned. Instead of being administered by a Maritime Land Titles Board, it will now come under the responsible Minister in each province, presumably the Attorney General in this province and it is indicated that the legislature will still be substantially the same in all three provinces. Given those changes in policy the L.R.I.S. people are now reviewing the legislation and the direction of their work, but we have been assured by the responsible people that the concern expressed by us earlier will receive the attention of the Committee working on these revisions.

In summary, these have been the two basic areas of concern for your Committee, namely the Surveyors Act and the Land Titles Legislation; however, other matters, such as Regulations, By-laws, review of other legislation, i.e., the Law Reform Advisory Commission recommendations for a proposed new Building Liens Act have also taken up some of our time.

Finally, I would like to thank the other half of your Legislative Committee Roy A. Dunbrack, for his very considerable help and strong support over the past year and other members of the Association who have helped us in any way.

It was moved by Fred Roberts and seconded by Roy Dunbrack that the Statutes Committee Report be adopted. Motion carried.

### REGULATIONS COMMITTEE - *Glen C. Braithwaite*

The present members of the Regulations Committee took office in 1977.

The Committee has two sub-committees, namely the Survey Standards Committee which previously constituted the Regulations Committee, and the Survey Qualifications Committee which has been occupied with the drafting of Regulations governing the entry and educational requirements for the Association.

In past years, the Regulations Committee was occupied with preparing regulations to update the existing survey standards, but with a new Act on the threshold of being assented the Committee was faced with the task of drafting Regulations under the new Act.

Since February 1977 this Committee has met on a regular basis and has prepared draft Regulations under the new Act. A portion of this draft has been submitted to the Director of the Legislative Division, and it is anticipated that shortly after the Annual Meeting further steps will be taken to prepare these regulations in a suitable form for presentation to membership.

The areas covered by the Committee are Regulations:

- a) Respecting the Government and Discipline of Members of the Association;
- b) Respecting the Government and Discipline of Corporations and/or Partnerships holding a Certificate of Authorization to practice land surveying;
- c) Respecting the practice and procedure for hearings held under the Act;
- d) Defining 'Professional Misconduct' for the purposes of the Act and Regulations.

The sub-Committees were themselves hard at work and have submitted draft Regulations in their respective areas. These drafts deal with Regulations:

- a) Prescribing standards for professional land surveying, preciseness of survey equipment, monumentation of boundaries, and preparation of plans and descriptions;
- b) Respecting the examination of applicants for admission as students, fixing the terms of Articles and providing for the reduction of such terms by reason of educational standards or experience and respecting the examination of students and applicants for membership in the Association and prescribing examination fees.

Each sub-Committee will in turn give a report on their respective areas.

The only area outstanding, that must be covered by Regulations, is that of the bonding of members. A directive has already been given to proceed in this direction, so this is one of the items that will be given consideration in the coming year.

I take this opportunity to thank the other members of the Regulations Committee for their help in making the past year successful, namely, Arthur Bent and Paul Stone.

It was moved by Glen Braithwaite and seconded by Art Bent that the Regulations Committee Report be adopted. Motion carried.

#### BY-LAWS COMMITTEE REPORT - James B. Gillis

This Committee in its present state, was formed in January of this year, and worked continuously to formulate a new set of By-laws for the Association.

Our original plan had been to develop the By-laws in a three step process culminating in a rough draft which would be presented to the membership for their comments and suggests. This proved impossible to follow because of the apparent need (at least, for a time) for the final draft of the By-laws to be presented to the

membership this fall. Our input, therefore, from other sources consisted of circulating a rough draft to the various committee members for their comments at a spring Workshop, and meetings with the Complaints Committee and the Regulations Committee this summer. The result of this was a final draft, which was forwarded to our Committee Coordinator, Murray Banks, in September.

Our attempt has been to put together a clear, concise set of By-laws which will effectively govern the inner workings of the Association. It has not been to dream up a solution to every conceivable obstacle which might arise over the next fifty years. There are, therefore, sections which will probably need additions or amendments as time goes on. This is only natural. Under our new Act, changes in the By-laws may be made by the Association itself, without the need for governmental approval, thus speeding up the process somewhat.

As a guide in drafting these By-laws, we have used Section 9, of the new Nova Scotia Land Surveyors Act. We have referred to other By-laws, including those presently in use for specific sections, but have not tried to pattern our By-laws after those of any other Association.

Our hope is that we have put together a package of By-laws which will reflect the desires of the membership of this Association with regard to the conduct of internal affairs.

It was moved by James B. Gillis and seconded by Lloyd K. Taylor that the By-laws Committee Report be adopted. Motion carried.

ASSOCIATION OF SURVEY TECHNICIANS AND TECHNOLOGISTS  
OF NOVA SCOTIA - Len Kincaid

Considerable progress has taken place since the last report was presented to you, and in the course of this account, it is our intention to highlight some of these areas which should be of interest to you.

The ACSTT of Nova Scotia was incorporated on December 1, 1976, under the Societies' Act in the Province of Nova Scotia. Two years prior to this time, a committee has been set up to investigate whether there was a need for such an Association in this province. At that time and still at the present time, to a great extent, the Survey Technician was just another employee with little status, recognition or direction. If the technician were to disappear tomorrow, the economy would be dealt a severe blow because these are the people who are actually doing the work.

That fact in itself is proof enough that there has to be a place for the technician within the survey structure. There are existing groups that allow for the technicians at present, such as the Provincial Government Employees Association of the Council of Maritime Premiers, but these alliances or associations take in a great many vocations under their wing, of which the survey technician is only one. It was the Committee's job to establish a sound and viable Association which would serve the needs of the survey technicians employed in the province and maintain a reasonable parallel with existing allied Associations across the country.

Our Committee consisting of four technicians and two land surveyors settled on the following results:

1. An Association which would allow membership to persons employed in the field of land surveying, photogrammetry and cartography.
2. A constitution for 100 by-laws covering a broad spectrum of the technicians' needs for today and tomorrow.
3. A certification board consisting of two Nova Scotia Land Surveyors, one instructor from the Nova Scotia Land Survey Institute, one survey technician and one photogrammetric technician.

4. We have been in close contact with already existing bodies in New Brunswick, Ontario and have affiliation with the Canada Association. We feel that certification will give the membership a number of things.

a) Recognition by others in the field, both at a technical level and professional level and is hoped that this recognition will eventually be uniform across the country.

b) Direction in arriving at goals one might set for oneself.

Since the Land Surveyors Act has been renewed it is a well known fact that the survey candidate of the future will require a higher academic level in order to enter the profession.

The basic aims of this Association is to advance the status and welfare of its members by increasing their proficiency and knowledge.

For those who may feel that our progress yields connotations of unionism I would like to quote Chapter 286, paragraph 2, of the Societies' Act under the heading "Incorporation".

"2 (1) a Society may be incorporated under this Act to promote and benevolent, philanthropic, patriotic, religious, charitable, artistic, literary, educational, social, professional, recreational, sporting or any other useful object, but not for the purpose of carrying on any trade, industry or business."

I would like to explain a little about our certification levels:

We have basically three levels but have made allowance for a non-certified member.

Non-certified member would be an individual employed in the field but does not necessarily have the academic background or level of experience which would be recognized to be certified (e.g. - rodman, instrumentman, chainman, trained on the job).

Technician I (a) 2 year graduate from the Land Survey Institute  
(b) 1 year graduate and 1 year acceptable training.

Technician II (a) 2 year graduate from the Land Survey Institute  
(b) 1 year graduate and 3 years experience.

Technologist (a) 2 years acceptable experience as Technician II  
(b) Equivalent technical training experience.

Non-Certified Member: Requires successful completion of a minimum of one year of related technical training or a minimum of one year of acceptable experience, no matter what the previous education.

Technician I (a) Requires successful completion of a minimum of two years of related technical training.  
(b) Requires successful completion of a minimum of one year of related technical training and a minimum of one year of acceptable experience.

Technician II (a) Requires successful completion of a minimum of two years of related technical training and a minimum of two years of acceptable experience.

- (b) Requires successful completion of a minimum of one year of related technical training and a minimum of three years of acceptable experience.

Technologist (a) Requires two years of acceptable experience as a technician II.

- (b) Requires equivalent technical experience and training as in (a) above.

Notwithstanding, although the candidate is a specialist in one of the fields of Land Survey, Cartography or photogrammetry, he must have an acceptable knowledge of the two remaining fields.

Our Association is now soliciting membership and we would appreciate the cooperation of all surveyors to encourage their employees to apply. Application forms are now available and we would appreciate any interested persons to write or contact our Association for these forms. Our mailing address is the same as the Association of Nova Scotia Land Surveyors.

It was moved by Len Kincaid and seconded by John MacInnis that the Association of Survey Technicians and Technologists of Nova Scotia Report be adopted. Motion carried.

#### SALARY REVIEW REPORT - Stewart MacPhee

The report circulated at the Annual Meeting is only a compilation of results. The values shown thereon are based on the 92 returns received minus the 23 returns which were not included in compiling results. These were excluded since the respondents were primarily engaged in some discipline other than surveying. This left 69 returns which were used, or 27% of the questionnaires mailed out. This is down from the 46% received in the last mailout.

Our intention on the Committee was to draw up a schedule of suggested salaries for each of the different brackets of responsibility or experience, however, we have run into some difficulty, which suggests to me that 27% is not a sufficient return to provide us with a proper cross-section of the membership of this Association.

We will, in any case, be compiling the said salary schedule based on what information we have.

- 1) Area of Province:
 

a) Western	11
b) Halifax County	22
c) Halifax City	12
d) Eastern	13
e) Cape Breton	11
- 2) Identification of Employer:
 

a) Private Firm	22
b) Government Agency	31
c) Self-employed	16
d) Other	0
- 3) Principal Discipline of Firm or Department Division:
 

a) Surveying	46
b) Engineering	4
c) Combination of (a) & (b)	11
d) Construction	4
e) Forestry	2
f) Other	2



## 4) Education:

a) No formal education beyond high school or equivalent	1
b) Graduate of Nova Scotia Land Survey Institute or equivalent	64
c) Bachelor's Degree (other than surveying)	3
d) Bachelor's Degree in Surveying Science	1
e) Master's Degree in Surveying Science	0
f) Other	4

Questions 5, 6 & 7 will be used to compile a scale of suggested salaries.

## 8) Number of years of experience:

a) Less than one year	0	h) 7-8 years	9
b) 1 year	1	i) 9-10 years	5
c) 2 years	0	j) 10-12 years	14
d) 3 years	1	k) 12-14 years	5
e) 4 years	4	l) 15-20 years	9
f) 5 years	5	m) 20-25 years	6
g) 6 years	5	n) More than 25 years	5

## 9) Salary:

a) Under 12,000	1	j) 20-21,000	4
b) 12-13,000	4	k) 21-22,000	3
c) 13-14,000	3	l) 22-23,000	0
d) 14-15,000	6	m) 23-24,000	3
e) 15-16,000	6	n) 24-25,000	0
f) 16-17,000	9	o) 25-27,500	3
g) 17-18,000	12	p) 27,500-30,000	1
h) 18-19,000	6	q) 30-35,000	3
i) 19-20,000	5	r) Over 35,000	0

Under \$20,000 52  
Over \$20,000 17

## Government Agency:

Number of replies - 30; lowest - 12,000; highest - 27,500, average - 17,300.  
Two replies over 25,000.

## Private firm:

Number of replies - 21; lowest - 14,000; highest - 35,000, average - 19,360.  
Two replies over 25,000.

## Self-employed:

Number of replies - 17; lowest - 9,000; highest - 35,000, average - 18,310.  
Two replies over 25,000 - all but one over 12,000.

In item No. (2) the 23 replies which were not included were from persons whose principal source of income was from an area other than surveying, these other areas included engineering, forestry, construction, contracting and education.

Generally speaking the financial records for individuals involved in these other disciplines are far greater than the salary or wages which they could expect from a comparative surveying position for someone with their educational qualifications and experience.

It was moved by Stewart MacPhee and seconded by Ed Rice that the Salary Review Report be adopted. Motion carried.

LIAISON COMMITTEE REPORT - A. E. Wallace

During 1977 the Liaison Committee had three main areas of concern:

1. The Atlantic Provinces Certification Standards Implementation Committee
2. The Surveyor-Engineer Joint Committee
3. The Surveyor-Barrister Liaison Committee.

The Atlantic Provinces Certification Standards Implementation Committee, which I will refer to as the Atlantic Education Committee, held its first meeting in Halifax on November 18, 1976, at which time the following terms of reference were set:

1. The Committee is to develop an education syllabus that will be equivalent to a baccalaureate level and recommend methods of implementation throughout the four Atlantic Provinces.
2. The Committee is to present a common set of terms of articles and recommend methods of implementation throughout the four Atlantic Provinces.
3. The Committee is to liaise with the academic community, the Association's Educational Committees, and the Association's Board of Examiners, in each of the four Atlantic Provinces.
4. The Committee's objective is to complete its responsibilities by October 31, 1977.

Subsequent meetings were held at Moncton on January 17th; Fredericton, March 12th; St. John's, May 5th; and at Charlottetown on June 3rd. The Committee was composed of two representatives from each province. For Nova Scotia Tom Swanson, the representative from the Board of Examiners and myself, the representative appointed by Council. Besides the five main Atlantic meetings referred to, each of the two provincial representatives met many times in preparing reports which were presented at the following Atlantic Committee meeting.

During October you received a copy of the recommendations of the committee and I trust that it is proper that those recommendations be considered part of this report. The present Atlantic Committee is an off-shoot from the Joint Committee on Certification Standards for Land Surveyors in Atlantic Canada, which dates back to 1974 and if you recall, initiated the Love Report. In 1975 at our Annual Meeting the following motion was passed:

"That the Association of Nova Scotia Land Surveyors give approval to the objective of establishing educational requirements for certification as a Nova Scotia Land Surveyor to be equivalent to the baccalaureate level of University graduation, as approved by the Board of Examiners of the Association of Nova Scotia Land Surveyors."

The recommendations of the Atlantic Committee do contain a course outline which is equivalent to the baccalaureate level of university graduation and the recommendations do show how such a program can be implemented. Let's get behind our Council and our Board of Examiners and implement such a program.

The Surveyor-Engineer Joint Committee held four luncheon meetings during the year, all at the A.P.E.N.S. office, where we were very kindly provided with sandwiches and coffee. Generally it was a quiet year with the Engineers. Our two main areas of concern had been initiated last year under the chairmanship of Doug MacDonald. They were to follow up on the correspondence which was sent out to the Engineers providing notification of our new Act and its implications to them and the continuation of the study on sharing joint administrative facilities with A.P.E.N.S.

The Surveyor-Barrister Liaison Committee was formed during the past year as directed by Council and two meetings were held. W. Bruce Gillis is the representative from the Nova Scotia Barristers' Society, and our first meeting was conducted in his office at Middleton, on February 9th. Our second meeting took place at the workshop held in Lawrencetown on April 23rd.

The main points discussed, some of which were followed by recommendations to Council were:

1. Unqualified persons performing legal work.
2. The proposed legislation - The Land Titles Act and the Land Survey Act.

3. The desirability of joint seminars for surveyors and solicitors; and
4. The implications of recent decisions in the County Court for Halifax, regarding a surveyor's claim under the Mechanics' Lien Act.

I must confess that I have not devoted as much time to this committee during the past year as the job warrants, however, it is a new committee and we do need some time to become established. I do, however, want to stress to all members that both committees with the Engineers and with the Barristers are your committees and we are fortunate that the avenues for dialogue on matters of mutual interest have been established. Let's use them for the benefit of our Association and society at large.

A report of this nature cannot reflect the many hours of hard work performed on your behalf by the Committee members, and I will close by thanking:

Tom Swanson - for his work on the Atlantic Committee,  
 Errol Hebb - for his effort on the Barrister-Surveyor Committee,  
 John MacInnis, Murray Banks and Bert Robertson, with the Surveyor-Engineers Committee - and thanks to Keith AuCoin who eased my work with the Engineers.

Without them my report would read: "Nothing to report".

It was moved by Al Wallace and seconded by John MacInnis that the Liaison Committee Report be adopted. Motion carried.

#### CONTINUING EDUCATION COMMITTEE REPORT - Lloyd K. Taylor

This Committee consists of John Ross, Gary Glenn and myself as Chairman.

The Committee work this year was chiefly directed at developing a program of Continuing Education. This program was put forth yesterday, November 4. The Committee also was involved in two seminars. The seminar "The Legal Aspects of Surveying" held in conjunction with this meeting and a seminar on the "Nova Scotia Coordinate Survey System and the Department of Lands and Forests Records" held on the Sydney Campus of the College of Cape Breton. There were 32 participants at this seminar and it appeared to be well received by the membership in the Cape Breton area.

It was moved by Lloyd K. Taylor and seconded by Tom Swanson that the Continuing Education Committee Report be adopted. Motion carried.

#### DEVELOPING A PROGRAM OF CONTINUING EDUCATION - Lloyd K. Taylor

During the past year, the Continuing Education Committee of the Association of Nova Scotia Land Surveyors came into being. The primary function of this Committee is defined in its terms of reference, namely: "To provide to members of the Association the opportunity to upgrade their level of education on a continuing basis equated with the needs of the profession".

During these times of a rapidly changing social climate, we, as are other professions, are finding that we are dealing with a better educated public. There is also an accelerated pace of scientific progress. One has only to walk through the exhibitors' room at this Convention to witness this progress.

Under these conditions, our knowledge, or rather, a large part of our knowledge becomes obsolete in a disturbingly short period of time. If keeping 'pace' is left to be the responsibility of the individual, then the group, or specifically the Association of Nova Scotia Land Surveyors will fail to stay abreast of the rapid evolution in the land surveying profession.

A Continuing Education Program will not magically erase all of the individual problems but it should give practicing land surveyors the opportunity to periodically reflect upon their work and help them cope with the constantly emerging problems.

I am sure most members will agree a program is essential; therefore, implementing and administering the program becomes the major problem.

Last year, a questionnaire was circulated at our Annual Meeting by the Education Committee which at the time was also dealing with Continuing Education. The purpose of the questionnaire was to get input from the members regarding topics, length and place for seminars and any other ideas which may have been helpful in initiating a program of continuing education. This questionnaire was not entirely successful, largely because of a poor return. It did, however, provide the Continuing Education Committee with a cross-section of the members' views. A conclusion could also be made by measuring the response or rather, lack of response that the Continuing Education Committee needed to provide momentum in initiating and also implementing a program which would reflect and satisfy the needs of all the members.

Model - Our program proposes to approach Continuing Education in the broadest of terms while ensuring that a sufficient depth of subject material is present with each topic.

The general model for the Continuing Education Committee is shown in Appendix A attached.

What we propose are short and long range plans regarding Continuing Education:

a) Short Range - One and two day seminars held periodically in various regions of the Province. These will serve to initiate the program and determine membership response.

b) Long Range - Once the program has been accepted and any necessary modifications, made, the seminars could be expanded to accommodate week long study sessions. This material would be of an advanced nature and be presented by professional educators. This does not preclude the fact that the one and two day seminars would no longer be available. Actually, a full rounded program would comprise seminars of both short and long duration.

The frequency of these seminars would be two per year on a regional basis and one per year on a Provincial basis.

Administration and Organization - To administer and organize these seminars as well as to ensure the Committee will have the proper amount and kind of membership feedback, there will be the following internal structure. (See Appendix B).

The Chairman - who is the Chairman of the Continuing Education Committee will be assisted by a Planning Division and an Operating Division.

First, the Operating Division - The Province will be broken down into four areas: Western, Halifax-Dartmouth, Eastern and Cape Breton. In each one of these areas, there will be two (2) assistants or committee members whose function loosely defined, will be to determine the wants and needs of the membership in their areas and to liaise with their chairman regarding the necessary details for providing a seminar for the local membership on any given topic. These seminars could either be requested by them or initiated by some other source. They would also be able to measure the area response of the membership to any particular seminar. These assistants should be rotated every one or two years. Similarly, a provincial based seminar could be implemented by two assistants. In the planning division, there will be three major divisions or areas of concern: Legal Aspects of Surveying, Business Practices and Technical Surveying.

With a steady diet of variety from these three areas of concern, we should be able to present a program for our membership that will be interesting and informative.

Each one of these divisions would have a committee member, probably one who

would have special talents or interest, assigned to it. The primary function of this committee member would be to provide lecturers, etc. for the regional or area based seminars as well as for the provincial based seminars. To illustrate this by an example: the two assistants or committee members for the western area could determine there is a particular want or need for a seminar involving as a theme: "Mortgage or Location Certificates". They would contact the Chairman who in turn would advise the Committee Member in planning assigned to the Legal Aspects of Surveying. This member would provide the necessary liaison to the area committee members. The area committee members would be provided with names of people who would be willing to lecture at this seminar, their availability and any other pertinent details. They (the area committee members) could arrange for a suitable place, notify the people who may wish to attend and in general, administer the seminar.

The Seminars would be on a cost recovery basis, however, additional budgeting should be provided for, so equipment could be acquired to assist in the presentation of subject matter. The Seminars should be loosely structured and informal. An atmosphere of involvement should be created with the participants. A pre-prepared set of papers or abstracts would be distributed at the beginning of the seminar and the proceedings should be published.

**Immediate Plans** - A series of seminars, the theme of which is "Integration The Re-Definition of the Maritime Geodetic Network". There will be included three 2 day seminars for the coming year per area. The lecturers will be Keith AuCoin, Garnet Clarke and Al Wallace.

The organization and administration of the continuing education program, while only dealt with here in general terms, can be refined as they are functions which involve a planning process; however, the only question mark will be membership involvement. We must develop and participate in a program which will assist us in reaching our highest level of professional competence, while in effect would enable us to provide a better land surveying service to the members of the general public while enhancing the image of the Association.

## **DEPARTMENT OF SURVEYING ENGINEERING UNIVERSITY OF NEW BRUNSWICK**

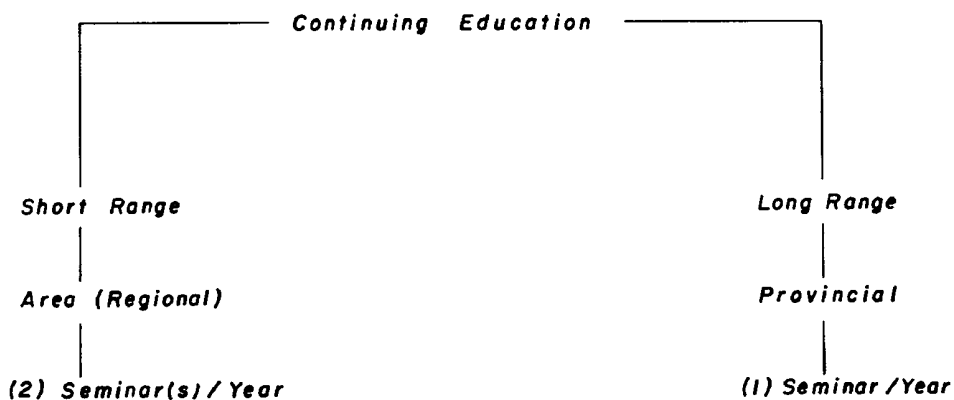
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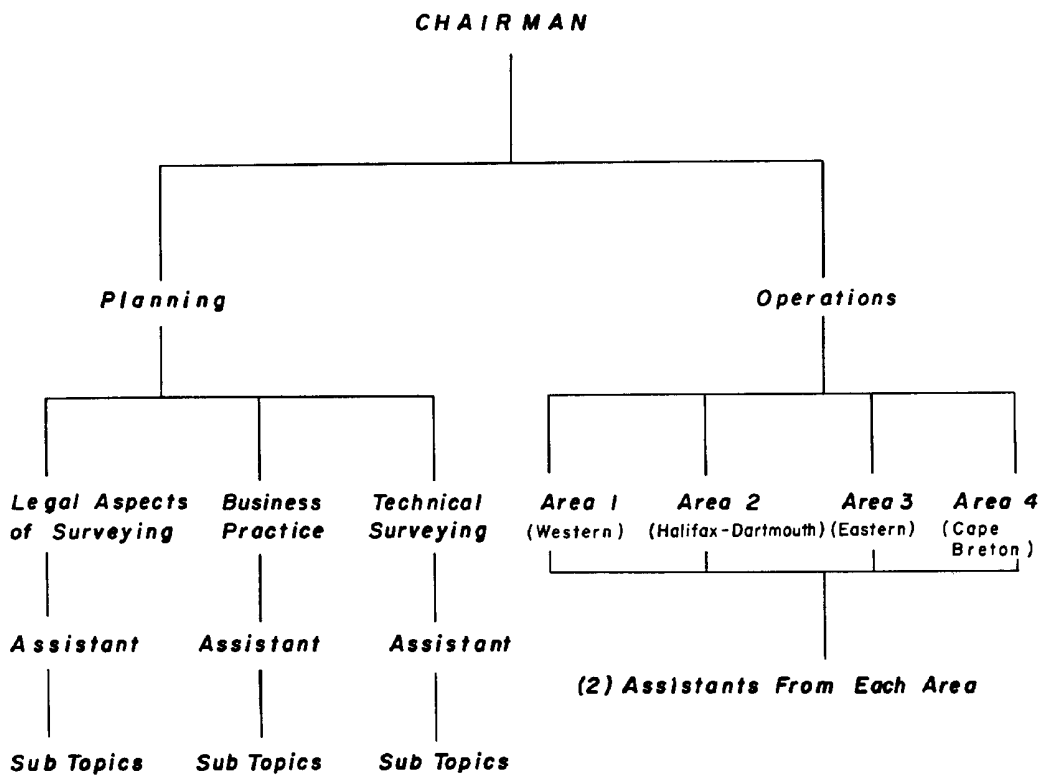
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### *Model : ( Appendix A )*



### *Administration and Organization ( Appendix B )*



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Street Intersection  
Curved  
Right of Way  
Offset from a Line  
Circle Thru 3 Points  
Tangent to a Circle  
Tangent to Two Circles  
Re number



REGULATIONS RESPECTING CERTIFICATION STANDARDS -

E. P. Rice - I hereby move that pursuant to Chapter 13, Acts of 1977, the Nova Scotia Land Surveyors Act, that under Article 8(1)(b) the following regulations pertaining to the examinations and Articles of applicants and students for membership in the Association of Nova Scotia Land Surveyors be adopted as circulated to the membership prior to this 27th Annual Meeting. This is in accordance with the By-laws which are still in force.

Bob Feetham - Seconded.

Keith AuCoin - I am sure there will be those of you who will want to speak to the motion. I have a set of procedures I would like to read to you that will help move us through this Section of the business without adding too much difficulty to it or taking up too much time. We will be following parliamentary procedures for this and, as Chairman, I am going to submit the following set of rules to be used for the presentation of the regulations:

Only members in good standing will be recognized on the floor while the regulations are being presented. As well, only members in good standing will be allowed to vote on the regulations.

Any member proposing a motion or an amendment to a motion must come to a mike, give his name, indicate who the seconder is, should state his motion and present it in writing for display. In line with that we have paper here that we can pass to you if somebody has an amendment.

The person proposing the motion or amendment will be allowed to speak to the motion once, followed by the seconder, who will be allowed to speak on a motion once. After the mover and seconder have had an opportunity to speak, the membership will be allowed to speak to the motion once.

Each section will be reviewed in order and when discussion has ended on a particular section we will move on and there will be no further discussion on that section. After all sections have been reviewed, the original motion, or the motion as amended, will then be voted on. The chair will only entertain amendments, will not entertain amendments of the third order. By that I mean you can amend the motion and we will entertain an amendment to the amendment and that will be it. There will be no amendments of the third order.

Should the original motion be passed, the chair would then entertain a motion to have the regulations put in proper legislative form, without altering the intent.

Those, gentlemen, are the guidelines that I have set up for this particular package.

Ed Rice - Two years ago in 1975 at our 25th Annual Meeting, a motion was put forward and approved that the Association of Nova Scotia Land Surveyors give approval to the objective of establishing educational requirements for certification as a Nova Scotia Land Surveyor to be equivalent to the baccalaureate level of university graduation, as approved by the Board of Examiners of the Association of Nova Scotia Land Surveyors. Following that, my Committee and others, that is Stewart MacPhee, Lloyd Taylor, Ron Chisholm, Al Wallace and Tom Swanson finished the regulations and sent them to the Council of the Association of Nova Scotia Land Surveyors



who made some modifications without changing the intent and, to them I am thankful for their assistance.

The idea of this Regulation was to have a Regulation which did not, in effect, single out any one college or university or one means or method of obtaining this baccalaureate level. The Regulations, as put forward, if approved, will then have to go to the Legislative Committee of our Association to be put in proper order, with the assistance of our solicitor, and then it will have to go to the Governor-in-Council, the Cabinet, for final approval before it can be effective. If they do come into effect the intent is that they will become effective as of July 1, 1978.

- Bob Feetham - My purpose in moving or seconding, Mr. Chairman, was to get it on the floor for discussion. It does not necessarily say that I agree with it all.
- Keith AuCoin - You have heard the mover and the seconder. We will start with Section 1 of the Regulations and I presume you people who have received copies have brought them with you. It is open for membership discussion from the floor. We will deal, first of all, with Section 1(1).
- Phil Milo - I would like one clarification on the order of business. You said that each person who wanted to speak to a Section of this motion would be allowed to speak once. Does this preclude the asking of questions as to content? In other words, If I ask the question what is equivalent to a Bachelor's Degree, does that constitute my one and only shot at the whole thing?
- Keith AuCoin - If you require an interpretation of any one of these Sections, we will allow you to ask the Committee who was responsible for putting the package together and they will be glad to give you the interpretation, or intent, that was behind this Section. I believe that will cover what you are looking for.
- Section 1(1) - "The Board of Examiners shall liaise with Atlantic educational institutions and encourage them to develop and continuously update survey programs in accordance with the requirements of the Board." Is everybody satisfied with that?
- Phil Milo - It is the Bachelor's Degree part that I want to speak to specifically because all else in the latter stages follows from this acceptance or rejection.
- Extensive discussion followed.
- Dave Roberts - I can see nothing wrong with Section 1(1) and, I would suggest that we move on to subsection 1(2). Do we have to make a motion on these subsections?
- Keith AuCoin - No, that was not the intent.
- Ivan Macdonald - I agree with the items in Section 1. I support those items and could we get on with Section 2?
- Keith AuCoin - No objection to moving on to Section 2? Everybody is satisfied with Section 1 as it has been distributed?
- Further prolonged discussion.
- Gordon Kressner - Moved that these Regulations be tabled until tomorrow's meeting.

- Fred Roberts - I will second that motion.
- Keith AuCoin - We have a motion to table this document until 9:00 o'clock tomorrow morning when the meeting reconvenes.
- Vote - Motion carried.

\* \* \* \* \*

#### BRIAN PEEL TRUST FUND REPORT - F. C. Hutchinson

As you know, this past summer one of our Councillors, a member of our Association, passed away and the Association and the general membership felt that they would like to do something for the family of Brian Peel and so we set up a trust fund for the family which was not done directly by the Association but by myself and Murray Banks who acted as Trustees for the fund. The membership was solicited for funds and I have the following report to make:

There was a request sent out to the membership of the Association of Nova Scotia Land Surveyors. The request was for donations to a fund which would assist Brian's family. To date there have been 94 replies, totalling \$3,038.00. The operational cost of the fund has been \$25.00 and to date Elaine Peel has received \$2,950.00 and I believe, Murray has a reply from Elaine Peel that he would like to read at this time:

"Dear Members: I would like to take this opportunity to express my thanks to the members of the Association for their very generous donation of money. It was such a kind gesture that a simple thank you seems insufficient. I would also like to thank those who offered Brian and I so much support and help during his illness. Brian and I often remarked that in times of trouble you find out who your real friends were and, among the surveyors and their wives, we found our most loyal and sincere friends. Brian loved his work as a surveyor and was enjoying his term as Councillor. He had remarked to me on the way home from the 1976 Convention that now that he knew about the running of Council, he felt he could offer more in the following year. Unfortunately, he was never able to make another Council Meeting. Again, to you all, a very sincere thank you. Signed Elaine Peel."

\* \* \* \* \*

At 5:45 p.m. it was moved by Fred Hutchinson and seconded by Fred Roberts that the meeting adjourn for the day.

\* \* \* \* \*

#### SATURDAY, NOVEMBER 5, 1977

Meeting reconvened at 9:15 a.m.

#### REGULATIONS RESPECTING CERTIFICATION STANDARDS (cont.)

John C. MacInnis - Moved that the motion: "Pursuant to Chapter 13, Acts of 1977, the Nova Scotia Land Surveyors Act, under Article 8(1)(b), the following regulations pertaining to the examinations and articles of applicants and students for membership in the Association of Nova Scotia Land Surveyors be adopted as circulated to the membership prior to this 27th Annual Meeting" be taken from the table and put back on the floor.

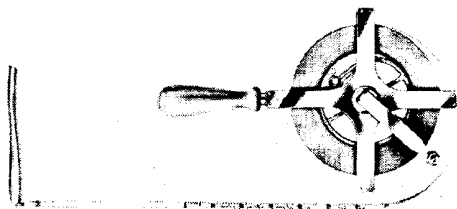
- Al Wallace - Seconded.
- Vote - Motion carried.
- Extended discussion.

- Tom Swanson - I would like to move an amendment to the motion on the floor, the amendment being that the dates of implementation of the motion put forth in these last regulations should be delayed by one year, Section 6(1) to 6(4).
- George Streb - Seconded.
- Keith AuCoin - Section 6(1) - date of July 1, 1978 be changed to July 1, 1979. Section 6(2) - date of July 1, 1978 be changed to July 1, 1979, and June 30, 1978 be changed to June 30, 1979. Section 6(3) - date of January 1, 1978 be changed to January 1, 1979 and June 30, 1978 changed to June 30, 1979. Section 6(4) - date of June 30, 1983 changed to June 30, 1984.
- Vote - 61 for, 3 contrary, 6 abstentions - motion carried.
- Keith AuCoin - The question has been called for and we are now voting on the motion as put by Ed Rice as amended.
- Moved that pursuant to Chapter 13, Acts of 1977, the Nova Scotia Land Surveyors Act, under Article 8(1)(b), the following regulations pertaining to the examinations and articles of applicants and students for membership in the Association of Nova Scotia Land Surveyors be adopted as circulated and amended.
- Vote - 56 for, 27 contrary, 9 abstentions - motion carried.

#### REGULATIONS RESPECTING SURVEY STANDARDS

- Walter Rayworth - Moved the adoption of the draft of the regulations respecting Land Surveying Standards as distributed and prepared by the Technical Editing Committee dated November 16, 1976.
- Neiff Joseph - Seconded.
- Jim Gillis - I move that Section 2(15) be deleted.
- Phil Milo - Seconded.
- Vote - 11 for, 31 contrary, 9 abstentions - motion defeated.
- Keith AuCoin - It has been moved and seconded that these regulations be approved, is there any more discussion?
- Glen Braithwaite - I would like to move that the motion be tabled.
- Tom Swanson - Seconded.
- Vote - 5 for, 35 contrary, 12 abstentions - motion defeated.
- John Covert - I move that Section 13(1)(a) read 30 seconds x the square root of n.
- Phil Milo - Seconded.
- Vote - Motion carried.
- Continued Discussion.
- Athol Grant - Moved that the motion be tabled until after 2:00 p.m.
- Glen Braithwaite - Seconded.
- Vote - Motion carried.

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MEETING RECONVENES AT 2:00 P.M.

- Athol C. Grant - Moved that the draft copy of Regulations Respecting Land Survey Standards be put back on the floor.
- Don Parker - Seconded.
- Vote - Motion carried.
- Keith AuCoin - We have the motion back on the floor, unfortunately, we do not have time to debate it to any length. There are some that feel that maybe it needs further discussion and another group feel that we should vote on it here.
- Bert Robertson - I have some very strong feelings about these regulations and like some of the others I feel that we are rushing them through. The Committee has done a good job and I commend them for this.
- I am concerned about one or two sections in these regulations Section 13(1)(e) and Section 15(3) - you are leaving a lot there to the discretion of the surveyor.
- Ed Rice - Moved that we table the motion presently on the floor, until the month of February 1978, the exact time and date to be set by Council to further debate this matter.
- Jim Chisholm - Seconded.
- Vote - 49 for, 1 contrary, 5 abstentions - motion carried.

LIFE MEMBERSHIPS -

The following members were approved by Council for Life Membership in the Association of Nova Scotia Land Surveyors:

- Fred Roberts - Moved that Jacques Price be made a Life Member.  
 Bert Robertson - Seconded.  
 Vote - Motion carried.
- Fred Roberts - Moved that Dr. James L. Ryan be made a Life Member.  
 Art Chisholm - Seconded.  
 Vote - Motion carried.
- Fred Hutchinson - Moved that Brian R. Alexander be made a Life Member.  
 Bob Feetham - Seconded.  
 Vote - Motion carried.
- Fred Hutchinson - Moved that George E. Streb be made a Life Member.  
 Ed Rice - Seconded.  
 Vote - Motion carried.
- Roy Dunbrack - Moved that J. Wilfred Byers be made a Life Member.  
 Keith Barrett - Seconded.  
 Vote - Motion carried.
- Lee Johnston - Moved that Alexander C. MacKay be made a Life Member.  
 Bill Chambers - Seconded.  
 Vote - Motion carried.
- Walter Rayworth - Moved that Dana A. Maxwell be made a Life Member.  
 Jim Chisholm - Seconded.  
 Vote - Motion carried.



\*\* PRESIDENTIAL ADDRESS \*\*

Fellow Members, Honoured Guests, Visiting Delegates, Ladies and Gentlemen:

The twenty-sixth year of the Association of Nova Scotia Land Surveyors is almost history, and as I open my Presidential Address to you, I must say in all sincerity that it has been an honour, a privilege and indeed a pleasure to serve as President of the Association for the last 12 months.

This past year was one that required a concentrated effort from the entire executive and committee members and with the volume of Association business that consistently filled our administrative agenda, I would be extremely remiss, in this my last function as President, if I did not acknowledge the efforts of those who have contributed so much to the enhancement of the Association throughout the past year.

Participation was the key word for this year's slate of Council officers. In addition to attending the four regularly scheduled Council Meetings, most of the Councillors served faithfully on one or more of our many Committees. The Discipline Committee responded admirably to several cases of, what appeared to be, unnecessary professional misconduct, while the Complaints Committee experienced its usual year of trying to differentiate between those complaints which were legitimate and those which could have been diverted by our members through the proper use of professional courtesy with the general public.

Your Executive Committee of the Vice-President, Secretary-Treasurer, Immediate Past President and myself, met on numerous occasions and were able to deal with the overload of administrative business that would have otherwise retarded the regular operation of Council. This approach proved to be quite satisfactory and could very well be the manner in which we should handle the ever increasing volume of Council business, without increasing the number of Council Meetings.

Your Legislative Committee, which during the year had been reduced to a committee of two, provided the Association with yeoman service in the presentation of our new Act to the Provincial Legislature and in the study of the new Land Titles Legislation presently under review by the three Maritime Attorney General Departments. Their attendance and performance at three specially called meetings during the month of July, not only provided us with excellent representation but added generously to the creditability of the Association.

The Board of Examiners has completed yet another year, this time with four busy agendas added to their list of credits. With the proposed increase in the level of our certification standards, the Board will be revising its terms of reference with the idea of streamlining some of its excessive workload and number of meetings per year. These changes are long overdue and should help greatly in the administration of the Board's affairs.

In past years, the Association has overindulged in the good nature of our hard working secretaries and this year was really no exception. Our Executive Secretary was able to alleviate the tremendous overburden of work associated with the Secretary-Treasurer's position, however, in so doing, he volunteered a considerable amount of his personal time and effort to the cause of creating a professional business atmosphere for our Association office. As well, the duties and workload of the office increased tremendously during the past year, so much so, that an expansion to our staff and accompanying office facilities will be one of the immediate priorities of our next Council.

One of my top priorities, when I came into office, was to see the establishment of a continuing education program become a reality. We have already made the initial strides in that direction and with the expressed enthusiasm of our Continuing Education Committee riding high, I sincerely hope that our membership will take advantage of the program by supporting the efforts of the Committee on a regular basis.

A further priority of mine was to attend and participate in other provincial and national meetings, with the idea of establishing a liaison that would assist in the transfer of information and ideas between organizations. Our first annual one day seminar and our planned Continuing Education program are two such innovations that have resulted from the deliberations of other Associations.

During the past year, it was my pleasure to represent you at the Annual Meetings of the New Brunswick, Ontario and Alberta Land Surveying Associations. I was also in attendance for two C.C.L.S. meetings, one of which was held in conjunction with the Ontario Annual Meeting. Our Vice-President, Murray Banks, represented us at the Annual Meeting of Association of Newfoundland Land Surveyors and at the C.I.S. Annual Convention in Ottawa. In June, Al Wallace attended the P.E.I. Land Surveyors Annual Meeting, with Marcellin Chiasson representing us in Quebec and George Bates representing us at the MALSCA Annual Meeting this past October. Our Association was very well represented this year and on each occasion, I was pleased with the reports we received from our Association's representatives.

The knowledge, experience and fellowship, and I would like to stress all three, that one gains while serving in office, more than offsets any extensive contributions that are required of the President. This once in a life time opportunity provides an excellent stimulus for future development of one's surveying career, and I consider myself very fortunate to have had the privilege of serving as your President.

The year, however, would not have been a successful one for me had it not been for the excellent working cooperation I received from Council, and in particular, the Executive Committee. As well, the continuing assistance and support of our Vice-President, Murray Banks, made a lot of those difficult decisions, matters of routine administration. A special thank you goes to our special gal, Dot Lowe, for her continuing dedication to our stenographic cause. With such an unpredictable year, Dot rose to the occasion time after time and helped ease us through some of our more tense moments.

On your behalf, I would like to express a sincere debt of gratitude to our Executive Secretary, Al Grant, by thanking him for his hard work and dedication to our Association affairs since his January 1st appointment. Our business affairs are very much on the upswing now and with Al and his support staff looking after our interests, I feel the Association is in good hands.

We now find ourselves on the threshold of bringing in a new Council and on their behalf, I appeal to you, the membership, to take an active interest in the affairs of the Association and assist this Council and its Committees in reaching the goal of attaining the highest possible level of professionalism for the survey community of Nova Scotia.

My sincere thanks to you all.



PASSING ALONG THE 'OFFICE OF PRESIDENCY'





PAST PRESIDENTS ESCORTING MURRAY  
TO THE PODIUM




SIGNING OF THE 'OATH' AND RUSTY

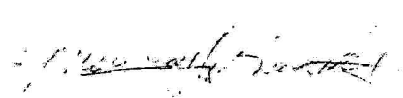
### INSTALLATION OF NEW OFFICERS

#### OATH OF OFFICE

I, MURRAY JOHN BANKS, DO HEREBY SOLEMNLY SWEAR THAT DURING MY TERM OF OFFICE AS PRESIDENT OF THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS I SHALL DISCHARGE THE DUTIES OF THIS OFFICE WITH THE UTMOST DEDICATION, HONESTY AND INTEGRITY, THAT I SHALL BE GUIDED IN MY DECISIONS BY THE WISDOM OF COUNCIL AND THE DIRECTIONS PROVIDED IN THE NOVA SCOTIA LAND SURVEYORS ACT AND ASSOCIATED BY-LAWS AND REGULATIONS, SO HELP ME GOD.

SWORN BEFORE ME AT HALIFAX  
IN THE COUNTY OF HALIFAX  
PROVINCE OF NOVA SCOTIA THIS  
5TH DAY OF NOVEMBER 1977 A.D.

  
\_\_\_\_\_  
L. R. Feetham  
A COMMISSIONER OF THE SUPREME COURT  
OF NOVA SCOTIA

  
\_\_\_\_\_  
Murray John Banks

**\*\* ACCEPTANCE SPEECH \*\***

Past President, Keith; Fellow Members; Guests:

The past four years or so, have opened up a whole new insight for me as to what a self-governing body such as the Association of Nova Scotia Land Surveyors is all about, and what it should be attempting to accomplish. Having had the opportunity to serve on the Legislative Committee during the redrafting of the Land Surveyors Act helped to bring everything into a better perspective for me. I discovered that we are not just a social club, but in fact have an important role to play in society.

Through an Act of Legislation we have been given the responsibility, and I believe the privilege, of governing our own affairs. We are given the authority by the Act to regulate and control our own actions, on such matters as discipline, standards of survey, and standards of educational requirements for admission to the Association. We are authorized to publish from time to time a professional Code of Ethics to be used as guidelines by all of us as we constantly strive to perform as professionals.

Council, therefore, is that elected group of members that acts as administrators of the Land Surveyors Act, its Regulations and By-laws. It is with this in mind as the terms of reference of Council, that I step into the chair for the next twelve months. I am pleased, of course, to have this opportunity, while at the same time realizing that there is a tremendous amount of time and work involved. In that regard, I plan to give of my time freely and I plan to at all times, put my best effort forth on your behalf.

Having worked alongside of Keith during the past twelve months, I can tell you that there couldn't have been a President that was more sincere in what he was attempting to accomplish on your behalf. I would like for you to join with me in showing our appreciation to Keith for his work over the past year.

I would also like to add my thanks, along with Keith, to the retiring Councillors with whom I have worked during the past year.



MURRAY, JOYCE, SHEILA, WALTER

President Banks introduced the new members of Council as follows:

W. C. Rayworth	- Vice President
P. M. Milo	- Zone 2
D. L. Crooker	- Zone 3
R. J. MacInnis	- Zone 5
D. V. Purcell	- Zone 6
R. A. Daniels	- Zone 6.

The following Council Members will serve their second year.

E. O. Hebb	- Zone 1
J. E. Hanifen	- Zone 4
W. D. Hardy	- Zone 5
F. W. Roberts	- Zone 6
J. G. Glenn	- Zone 6.

## NEW BUSINESS

### FINANCIAL AND BUDGET REPORT - Allison B. Grant

During the past year it has become evident that, in the best interests of this Association and the public, serious consideration must be given to expansion of both staff and facilities in the coming year.

We are facing a year of high expenditure, not only because of the above recommendation, but we will now have to accommodate the Board of Examiners' files, a stenographer's desk and chair, and additional filing cabinets.

The Committee work and legal fees involved in getting the regulations and By-laws passed, as well as the extra cost of payment to the Secretary of the Board of Examiners, which has heretofore been borne by a government department, will all be expensive matters.

It should be pointed out, however, that some of the items in this budget are going to be "one-time" costs. Even last year the financial picture presented to you did not reflect that approximately \$3,000.00 of the expenditure consisted of non-recurring costs for equipment and office furnishings which remain as assets.

The major portion of our projected income is based on a senior membership of 280. Although we now have almost 300 members, some attrition due to retirement should be expected.

The non-practicing category is still in question, but there should be some income from this area.

It is assumed junior membership will be mandatory for students.

Some relief from fees for Associate Members may bring an increase in their number.

As a final note, some reference should be made to the matter of delegates' travel. This budget figure has been increased, not only to allow for increased travel costs, but to allow the Council to approve at least partial payment for the travel expenses of wives of the delegates.

It is suggested that our Presidents should make definite proposals to Council relating to delegates' travel, adjusting the number and cost of such trips to some standard format.

It was moved by Al Grant and seconded by Ed Rice that the Financial and Budget Report be adopted. Motion carried.

THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS  
BUDGET FOR 1978

## REVENUE

Deferred Income (carried forward 1977)	\$ 3,254
Membership Fees	43,890
The Nova Scotian Surveyor	1,600
Board of Examiners	5,000
Continuing Education	1,100
Interest	1,000
Miscellaneous (Certificates, Professional Stamps, etc.)	300
	<u>\$56,144</u>

Acct.  
No.

## DISBURSEMENTS

401	Executive, Delegates Travel, Local Meetings	\$ 4,000
402	Discipline Committee	2,000
403	Board of Examiners	3,000
404	Complaints	350
411	Council Meetings - 5 @ \$500	2,500
412	Zone Meetings - 12 @ \$ 40	480
413	Annual Meeting	1,000
414	Convention Committee	-
416	Office Assistant - 4 hrs. per day @ \$4.00 + holidays	4,310
417	Fringe Benefits re above - CPP, UIC, Workmen's Comp.	204
421	Executive Secretary's Salary	10,500
422	Fringe Benefits	855
423	Office Equipment and Maintenance	4,216
424	Office Supplies and Postage	1,500
425	Office Rent, Telephone, Taxes	3,804
426	Reproduction	625
431	Steno Administration	1,000
432	Accounting	-
435	Association Secretary Honorarium	2,000
436	Secretary Board of Examiners	2,500
441	Grants - C.C.L.S., N.S.L.S.I.	2,000
445	Miscellaneous	300
450	Certificates of Authorization	100
460	Committee Coordinator, Workshops	600
462	Public Relations	450
463	Private Practice	650
464	Yellow Page Advertisements	-
471	The Nova Scotian Surveyor	3,000
472	Liaison	450
473	Continuing Education	1,100
474	Case History Publication	-
481	Statutes	600
482	Regulations	700
483	By-laws	700
491	C.S.T.T.N.S.	150
492	Salary Review	400
493	Location Certificates	100
		<u>\$56,144</u>

BUSINESS FROM THE FLOOR

- Tom Swanson - I would like to request that the Executive Secretary continue the advertising in the Yellow Page Ads under the heading of the Association of Nova Scotia Land Surveyors on the basis whereby the members wishing to have advertising placed in that category pay for them in advance.
- Dave Roberts - I would like to make a motion that the Annual Meeting of the Association of Nova Scotia Land Surveyors be changed from the month of November to sometime in the month of February.
- Al Wallace - Seconded.
- Murray Banks - Motion is ruled out of order.
- Al Wallace - I would like to move that Council be directed by this Annual Meeting that it do a feasibility study on the possibility of changing the date of our Annual Meeting and conduct a poll on the question from the membership.
- Dave Roberts - Seconded.
- Fred Roberts - I presume that the drafters of the By-laws will put something into that affect and the By-law will come back for Memberships' approval.
- Murray Banks - Yes, that is right.
- Al Wallace - I will remove the motion.
- Murray Banks - The motion is removed.

\* \* \* \* \*

Comments from Secretary-Treasurer, F. C. Hutchinson:

As the outgoing Secretary-Treasurer of the Association, I would like to thank Council and the members of the Association for the support that I have had in the past two years.

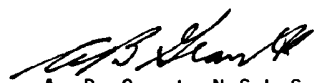
I would also like to impress upon the members of the Association that it is their Association. I have heard the comment more than once, "why don't they do something about it?" They are you. It is an individual participation and if you find that one of your buddies down the road is doing something contrary to regulations, by-laws or whatever, let him know about it. Let someone else know about it. It is the only way we are going to advance by keeping in-house cleaning. We have to be strong and clean up our own businesses first before we can act totally as a productive Association.

MEETING ADJOURNED

Ed Rice moved that the 27th Annual Meeting be adjourned at 3:40 p.m.

The registered attendance at the Annual Meeting was 128.

Respectfully submitted,

  
A. B. Grant, N.S.L.S.,  
Secretary.

NOTE - TRANSCRIPT OF EXTENDED DISCUSSIONS ARE ON FILE AT THE ASSOCIATION OFFICE.

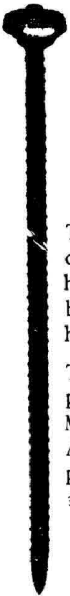


At left:

"BURT HARD AT WORK"  
AND KEITH

At right:

"MIKE HAVING FUN"



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The new survey marker consisting of a corrosion resistant aluminum head threaded to a sharpened carbon steel rod and ribbed for better holding characteristics.

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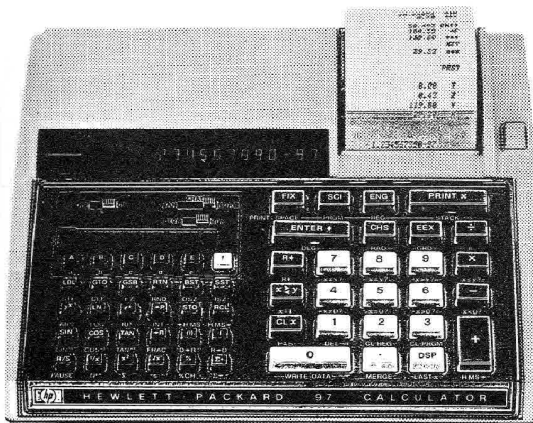
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