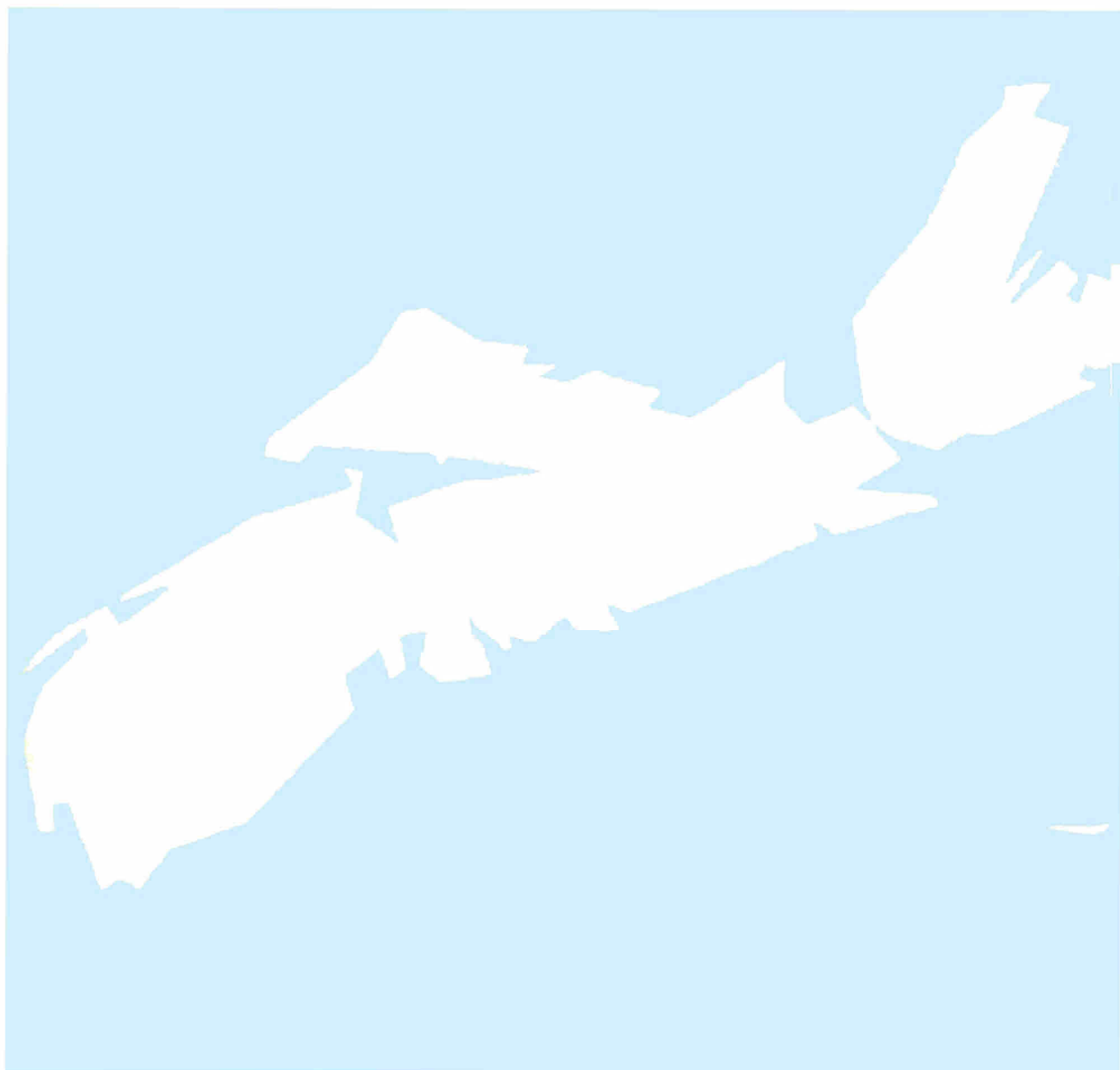
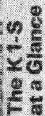


# **The NOVA SCOTIAN SURVEYOR**



**1974 ANNUAL REPORT  
24<sup>th</sup>. ANNUAL MEETING**



The M-1-3 is particularly well suited for ground truthing of aerial and satellite imagery and survey and engineering measurements, where the accuracy of angles is critical. It is also used to determine the accuracy of a theodolite or transit.

- Land survey and engineering measurement, where the accuracy of angular measurements is less important than the measurements to levels of a minute or two.
- Topographical survey, where the accuracy is sufficient. The wide range of accessible angles is an advantage.
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- Coastal surveying. Subsequent detail surveying and levelling work with the DMS 5000 is possible.
- Photogrammetric reference method.
- Contouring software.
- Topographical surveys.
- Obtaining of data for construction and civil engineering projects.
- All types of levelling work.
- Detailed surveys for utility lines.



The best location for protection will

These reading evidences, as a result of the improved illustrations, the reading fields are illuminated to a uniform brightness. Easy reading is a true pleasure even under unfavorable conditions.

These conditions make *university* level a complete design permit good reading for *university* up to 400 yards of a mile.

The horizontal line has, in addition to the normal picture number, an additional number indicating the number of the complete illustration. This number is a constant value of the complete illustration, which is often unobtainable in any way.



horizontal, stockwise 315.8354  
horizontal, counter-clockwise 34.2654



compensator. It automatically adjusts the influence of inclination of the

vertical axis to vertical angle in  
degrees



components have an effect on the system on each side

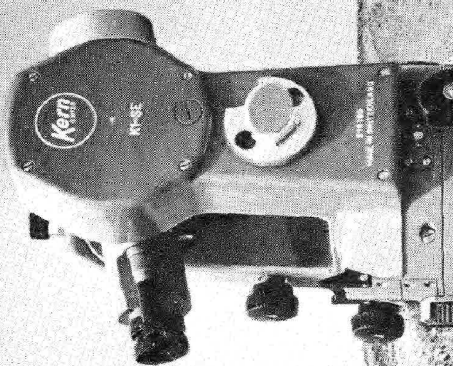
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calculated the probabilities over many iterations, forming the initial guess. This

the 1990s, the industry has been hit hard by a combination of factors, including a decline in demand for its products, a shift in consumer preferences, and a lack of innovation. The industry has been struggling to adapt to these changes, and many companies have been forced to close their doors or restructure. The industry's future is uncertain, but it remains a significant part of the economy.



the repetition climbing device is used for one or more iterations for the addition of measurement of small angles, such as occur during indirect distance measurements with the subject's foot. It also provides a simple means of transferring authentic force one subject to another. Trainers can then log measurements directly by means of a microcomputer.



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Tel. 722-4168  
Tel. 233-8481  
Tel. 529-8151  
Tel. 263-5620  
Tel. 253-5472.

# The NOVA SCOTIAN SURVEYOR

*Published four times a year by*

**THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS INCORPORATED**

**Edward P. Rice**  
President

**Burton L. Cain**  
Editor

**Robert A. Daniels**  
Business Manager

**Garnet F. Clarke**  
Secretary-Treasurer

**Address all communications to P.O. Box 1541, Halifax, Nova Scotia**

**Founded 1951**

**Incorporated 1955**

**Vol. 28**      **1974 ANNUAL REPORT**  
**1974 ANNUAL MEETING**

**No. 79**



**PRESIDENT RICE TAKING OATH OF OFFICE**  
**ADMINISTERED BY BOB FEETHAM**

- 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

## TWENTY-FOURTH ANNUAL MEETING

FORT CUMBERLAND HOTEL, AMHERST, N. S.

NOVEMBER 7, 8 AND 9, 1974

### M I N U T E S

FRIDAY, NOVEMBER 8, 1974 - 10:00 A.M.

President J. D. Chisholm called the Twenty-fourth Annual Meeting to order and introduced His Worship Norman Mansour, the Mayor of Amherst.

Mayor Mansour extended a welcome to the members, the out of town guests and visitors to the meeting and wished them a pleasant stay.

Mr. George Bates, on behalf of the Association, thanked Mayor Mansour for officially opening the Twenty-fourth Annual Meeting.

President Chisholm introduced the visitors and guests as follows:

<i>Phil Kierstead</i>	- <i>President, Association of New Brunswick Land Surveyors</i>
<i>Neil O'Gallagher</i>	- <i>Representing, The Quebec Land Surveyors Association</i>
<i>Dave Crandall</i>	- <i>President, Manitoba Land Surveyors Association</i>
<i>Bob Wiffen</i>	- <i>President, Association of Newfoundland Land Surveyors</i>
<i>Bob Semper</i>	- <i>Representing the Surveyor General</i>
<i>Bud Huntley</i>	- <i>Vice-President, Massachusetts Association of Land Surveyors and Civil Engineers</i>
<i>Ed Anderson</i>	- <i>Treasurer, M.A.L.S.C.E.</i>
<i>Brent Schofield</i>	- <i>Past President, M.A.L.S.C.E.</i>
<i>Win Schofield</i>	- <i>M.A.L.S.C.E.</i>
<i>Hugh O'Donnell</i>	- <i>Representing, Canadian Institute of Surveying</i>
<i>Doug Morgan</i>	- <i>Trainor Surveys, Fredericton, New Brunswick</i>
<i>Angus Hamilton</i>	- <i>University of New Brunswick</i>
<i>Jim Dearden</i>	- <i>President, Association of Ontario Land Surveyors.</i>

President Chisholm then introduced the Exhibitors and stated that the Exhibitors add a great deal towards the meeting.

President Chisholm asked the members to stand for a moment of silence for the following members who passed away during the year:

Mr. Lester Higbee	- Troy, N. Y.
Mr. Peter G. Boutilier	- Yarmouth, N. S.
Mr. Eldon Adams	- Glace Bay, N. S.

**\*\* PRESIDENT CHISHOLM'S REPORT \*\***

This is the second meeting which has been held outside the Halifax-Dartmouth area and thank you for your excellent attendance.

It is difficult indeed to give you, in a few words, an appreciation of the efforts and time given by some members, in the affairs of this Association. During the past year, these members working on standing committees, under the general direction of our Vice President, have begun to lay the ground work for an Association which will effectively serve you, the membership, as well as the general public.

This year standing committees were formed to deal with Protection, Public Service, Standards and Communications. The members have worked diligently throughout the year. Regular meetings were held as often as once a week since last November, in addition to four day-long Workshop Sessions at which all committees were represented. This demonstrates quite clearly the professional ties which binds the Nova Scotian Land Surveyors together.

I am going to depend on the business sessions of this meeting, the written reports of special committees and standing committees, as well as The Nova Scotian Surveyor to inform you of the important work of Council and our Committee members during the year. I must remind you, however, that there is still too much work being done by too few. Please come forward and volunteer your services on standing committees of your choice.

I have had the pleasure of being your representative at the Annual Meeting of two Provincial Associations in the Atlantic Region - New Brunswick and Newfoundland. Mr. Bates served as our representative for Prince Edward Island. In addition, I attended the Annual Meeting of the Massachusetts Association of Land Surveyors and Civil Engineers. The Annual Meeting of the Canadian Institute of Surveying, as well as two meetings of the newly formed Canadian Council of Land Surveyors.

Let me assure you that our Association is well respected across Canada and in the New England States by others in our profession. We may thank our previous Presidents and Council Members for this. Further to this, our total membership is larger than some Associations and smaller than others and we differ in some respects; by and large our problems and methods of solving these problems are very similar. No where does it become more evident that land surveying is basically the same across Canada, that when you sit down, as I have, with nine other Provincial Presidents in a body, such as the Canadian Council of Land Surveyors, to discuss mutual affairs related to our profession.

The term cadastral is now becoming better known. A definition of the term cadastral surveyor, used at the Massachusetts Association meeting, is one who surveys the land and appropriate records and information required thereon. Perhaps this terminology is familiar to you but there are many surveyors who have not considered the importance of the role of surveying in laying the framework for a modern cadastre, or a system of obtaining and filing land related information for recall or future use.

We are certainly fortunate to have the Land Registration and Information Service program firmly established in our region. This program is, in fact, laying the framework for modern cadastre. No doubt land surveying, which is so directly involved with our land resource, will stand with related professions including engineering, resource planning and the legal profession. We must be prepared, however, to carry our share of the responsibility for programs leading to more effective utilization of the land base in the Province of Nova Scotia.

In conclusion, I would like to thank you for the personal benefits that I have received during my Presidency. I certainly have no reservations about recommending this position to any of you.

## MINUTES OF THE TWENTY-THIRD ANNUAL MEETING:

The President called on the Secretary-Treasurer, Mr. G.F. Clarke, to read the minutes of the Twenty-Third Annual Meeting. It was moved by L. R. Feetham and seconded by A. F. Chisholm that the minutes of the Twenty-Third Annual Meeting be adopted as written and distributed. Motion carried.

## SECRETARY-TREASURER'S REPORT AND FINANCIAL REPORT

This past year has seen a remarkable increase in the activity within The Association of Nova Scotia Land Surveyors. This was due, for the most part, to re-organization in the committee structure and to the organization of Workshops at periodic intervals. This has resulted in a great deal of work being accomplished with promises of better things for the future.

During the year 13 new members were admitted to the Association and 2 members were reinstated. The membership statistics for the year are as follows:

Honourary Members	7
Life Members	13
Regular Members	235
Associate Members	2
Non-Practicing Members	24
In arrears	<u>27</u>
<b>TOTAL</b>	<b><u>308.</u></b>

Council Meetings were held on December 8, 1973, March 9, 1974, 5, 1974 and September 28, 1974. Workshops were held on January 26, 1974, June 1, 1974 and September 14, 1974.

A number of Regional Meetings were held throughout the year and the reports will be found elsewhere.

Most reports of Council Meetings, Workshops and Regional Meetings were published in The Nova Scotian Surveyor.

You will note on the Financial Report that we have a fair amount of money listed in the savings account and the current account. This may seem to be large compared to other years, but I can assure you that if all Committee projects are carried through the balance will be much less.

In closing, I wish to thank all of those who assisted me during the year and look forward to your continued assistance in the future.

It was moved by J. F. Doig and seconded by J. D. Chisholm that the Secretary-Treasurer's report and the Financial report as presented and distributed to the meeting be adopted. Motion carried. (See Financial Report on Page 12).

## FINANCIAL COMMITTEE REPORT - E. P. Rice

1. The following is a review of our financial situation at present together with a look to the future. A budget for the coming fiscal year will also be proposed in this report.
2. To commence with we will make a comparison of last years actual, receipts and disbursements, to the budget which was presented at the 23rd Annual Meeting.

	<u>BUDGET</u>	<u>ACTUAL</u>	<u>DIFFERENCE</u>
<u>RECEIPTS</u>			
Dues	\$14,700	\$12,400	\$ - 2,300
The Nova Scotian Surveyor	1,000	900	- 100
Examination Fees	1,200	2,200	+ 1,000
Interest	100	100	-
Annual Meeting	3,000	2,900	- 100
Miscellaneous	-	100	+ 100
TOTAL	<u>\$20,000</u>	<u>\$18,600</u>	<u>\$ - 1,400</u>
<u>DISBURSEMENTS</u>			
General Administration	\$ 8,300	\$ 6,440	\$ - 1,860
Annual Meeting	3,800	3,800	-
Protection	1,300	130	- 1,170
Communications	1,500	750	- 750
Survey Standards	1,600	230	- 1,370
Public Service	<u>2,500</u>	<u>200</u>	<u>- 1,230</u>
	\$19,000	\$11,550	\$ - 7,450
Debentures	1,000		
Bonus Savings		7,050	

3. The above may be analyzed as follows:

RECEIPTS:

Dues: - The budget figure was based on a membership of 270 at \$50.00 plus the arrears collection; however, we only have at present approximately 235 members at the full rate, which accounts for the decrease from the budget.

Examination Fees: - An increase in the rates for examination fees accounts for the additional \$1,000.

Interest: - The additional interest was realized because of the large amount in the Bonus Savings Account due to an underspent budget.

4. DISBURSEMENTS:

At the time of the presentation of the budget last year the re-organization of the committees were just in the planning stage, and the figures presented were estimates only. During the year the time was spent in establishing terms of reference and preparing projects. It is hoped that next year the dollars will be spent in accordance with the budget in order to complete the projects.

I would also like to point out that to date the Legislative Committee has not received a bill from their Solicitor for the past year which was forecasted for in the budget.

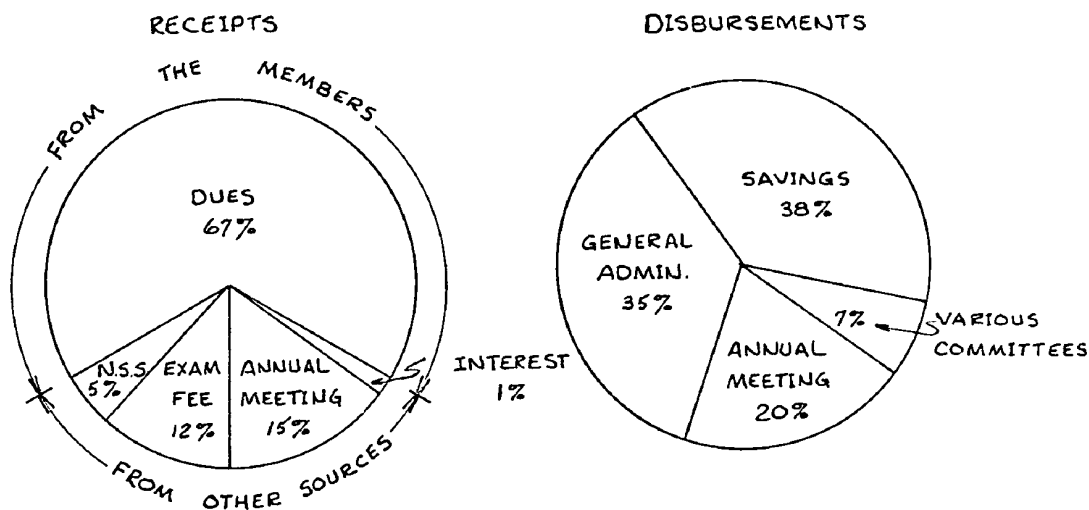


## 5. ASSETS AND LIABILITIES:

The assets of the Association are the highest they have ever been, as follows:

	<u>ASSETS</u>		<u>LIABILITIES</u>
Debentures	\$ 1,800	Solicitor Fees	\$ 500
Bonus Savings	7,200	C.C.L.S.	800
Current Account	1,200		
Cash	100		
	<u>\$10,300</u>		
Office Equipment	<u>1,000</u>		
<b>TOTAL</b>	<b><u>\$11,300</u></b>		<b><u>\$ 1,380</u></b>

Again this year the statistics are presented in a pie chart form in Figure 1:



6. After reviewing the amount of work to be accomplished in our Association, we came up with a budget of what we would like to have for the coming year. These figures do not include the receipts and disbursements of the Annual Meeting.

### Disbursements:-

Salaried Business Mannager (Full Time)	\$12,000
Office Space	2,100
General Administration	8,000
Committee Budgets	<u>7,400</u>
	<b><u>\$29,500</u></b>

To meet the above, we would require receipts as follows:

The Nova Scotian Surveyor	\$ 1,500
Examination Fees	2,000
Interest	150
Dues (Current, Arrears)	<u>25,850</u>
	<u>\$29,500</u>

In order to meet the \$26,000 figure in dues, we would require an assessment of \$110 per member, providing we retain our 235 members. Assuming that the dues would be raised to \$110.00 and we lost 35 to 40 members, leaving 190, then the dues would have to be \$136.00 per annum to meet the figure of \$26,000. It was concluded that this was excessive for the 1975 period.

7. The following is the budget recommended for our fiscal year of 1975:

DISBURSEMENTS:

Business Manager	\$ 7,200
General Administration	8,000
Protection	2,000
Communications	2,200
Survey Standards	1,500
Public Service	<u>1,700</u>
	<u>\$22,600</u>

RECEIPTS:

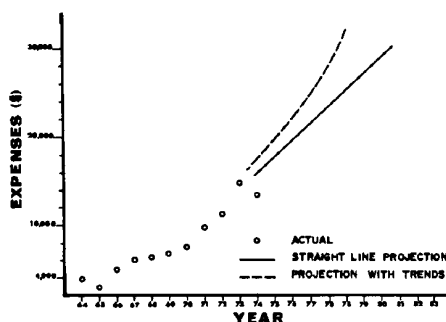
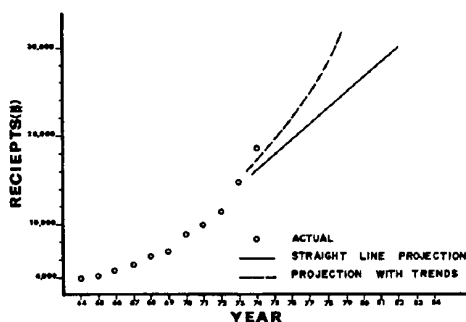
Dues (235 @ \$50.00)	\$12,000
The Nova Scotian Surveyor	1,500
Board of Examiners	2,000
Interest	100
Miscellaneous	100
	<u>\$15,700</u>

Net Deficit - \$ 6,900

In the above no mention is made of the Annual Meeting, however, an \$800 deficit was allowed for in the general administration. The deficit of \$6,900 can be eliminated in three ways: 1) cut the budget, 2) increase the dues from \$50 to \$80 or 3) recover from the assets. The committee recommends the 3rd method for this year - use the reserves.

8. Having reviewed the above, it must be quite obvious to you that, if we are to continue as an Association and provide protection for the members and a service to the public then our dues must go up along with inflation. If the trend of the past continues, it is quite conceivable that the dues will have to be increased, from \$50 to \$80, to \$110 per annum over the next three years.
9. I would like to point out here, to all those who might think the dues are too high now, and that we have a great surplus - during the past year three workshops and five Council Meetings were held, not one of the thirty members involved claimed travelling expenses. Much of our reproduction and miscellaneous services are provided for us by other sources, and we still did not accomplish all the things we should have, mainly for the lack of a full time manager.
10. Some effort was made to take a look at what the financial picture might be over the next ten years. This was very difficult, in view of the high rate of inflation which is sweeping the country at present. In trying to project what our receipts and disbursements might be by 1984, we took the actuals for the past ten years and obtained an adjusted straight line projection and another curved line projection using trends. These projections are shown on the attached Appendix "A" to the report.
11. As you may see from the graphs it is very hard to predict what amount of dollars we will be dealing with in 1984. Your committee estimates that the figure would be from a minimum of \$32,000 to a maximum of \$60,000.

## APPENDIX "A"



It was moved by M. J. Banks and seconded by D. Clark that the Financial report as presented be adopted. Motion carried.

#### SCRUTINEER'S REPORT - G. F. Clarke

In accordance with Section 19, of the By-laws of the Association, a list of candidates was mailed out two weeks prior to this meeting. A total of 278 ballots were sent out, 100 were returned for a percentage of 36%:

President	- Edward P. Rice
Vice President	- Ivan P. Macdonald
Secretary-Treasurer	- Garnet F. Clarke
Councillors:	
Halifax City	- Douglas K. MacDonald
Halifax County	- Burton L. Cain
Western Nova Scotia	- Ronald C. Dearman
Eastern Nova Scotia	- Walter C. Rayworth
Cape Breton	- Lewis O. Smith
Councillor at Large	- David R. Hiltz.

It was moved by A. F. Chisholm and seconded by L. R. Feetham that the Scrutineer's report be adopted as presented. Motion carried.

#### INTRODUCTION OF NEW MEMBERS

Darryl R. Spidle	- Mahone Bay, Nova Scotia
David T. Roberts	- Parrsboro, Nova Scotia
Glenfield L. Brathwaite	- South Williamston, Anna. Co., N.S.
James B. Gillis	- Middleton, Nova Scotia
Davis S. Thorne	- Shelburne, Nova Scotia
Keith T. White	- Dartmouth, Nova Scotia
A. Thomas Swanson	- Halifax, Nova Scotia
Dennis A. Jones	- Lawrencetown, Anna. Co., N. S.
Allan F. Collings	- Dartmouth, Nova Scotia
Matt McMullin	- Mahone Bay, Nova Scotia
Alvinie Amirault	- Halifax, Nova Scotia
John Lyon	- Falmouth, Nova Scotia
David Cushing	- Dartmouth, Nova Scotia
Harry Ashcroft	- Halifax, Nova Scotia
Guenter Bellach	- Richmond Hill, Ontario
Erwin R. Turner	- Bridgewater, Nova Scotia.

## THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS

SLATE OF OFFICERS 1974-75

PRESIDENT.....	Edward P. Rice	238 Elm Street, New Glasgow, N. S.	H-752-8291 0-755-3155
PAST PRESIDENT.....	James D. Chisholm	P. O. Box 310, Amherst, N. S.	H-667-3786 0-667-7231
VICE PRESIDENT.....	Ivan P. Macdonald	39 Doull Avenue, Halifax, N. S.	H-477-1930 0-835-9955
SECRETARY-TREASURER....	Garnet F. Clarke	R. R. #2, Newport, Hants Co., N. S.	H-757-2028 0-424-3234

COUNCILLORS

HALIFAX CITY.....	*Keith P. AuCoin	P. O. Box 1046, Windsor, N. S.	H-798-2963 0-798-2421
	**Douglas K. MacDonald	47 Brook Street, Halifax, N. S.	H-477-7985 0-455-1537
HALIFAX COUNTY.....	*A. E. 'Al' Wallace	20 Gourok Avenue, Dartmouth, N. S.	H-434-3711 0-835-9955
	**Burton L. Cain	9 Codroy Crescent, Dartmouth, N. S.	H-434-4116 0-426-5920
WESTERN NOVA SCOTIA..	*Stewart E. MacPhee	P. O. Box 716, Antigonish, N. S. BOE 2T0.	H-863-5018 0-747-2784
	**Ronald C. Dearman	19 Parade Street, Yarmouth, N. S.	H-742-7093 0-742-3664
EASTERN NOVA SCOTIA..	*C. J. MacLellan	Box 1215, Antigonish, N. S.	H-863-4108 0-863-1221
	**Walter C. Rayworth	73 Spring Street, Amherst, N. S.	0-667-2017
CAPE BRETON.....	*Leonard M. Harvey	Box 352, Baddeck, N. S.	H-295-2458 0-295-2380
	**Lewis O. Smith	P. O. Box 105, Port Hastings, N. S. BOE 2T0.	H-625-1516 0-625-2460 Local 288
COUNCILLORS-AT-LARGE.	*Victor J. Comeau	Box 116, St. Peter's, N. S. BOE 3B0.	H-535-2244 0-535-2031
	**David R. Hiltz	21 Stevens Road, Dartmouth, N. S.	H-434-0784 0-424-5803

\* Term ends November 1975

\*\* Term ends November 1976

\*\* REGISTERED MEMBERS ATTENDING 24TH ANNUAL MEETING \*\*

George T. Bates	David L. Crooker	John R. Logan	John W. Ross
R. E. Millard	W. S. Crooker	Frank Longstaff	John H. Ryan
M. F. Cossitt	R. A. Daniels	D. K. MacDonald	R. O. Semper
Herbert Martell	R. C. Dearman	Ivan P. Macdonald	W. E. Servant
B. A. Anderson	J. F. Doig	K. P. MacDonald	J. C. Sherren
J. F. Archibald	Roy A. Dunbrack	R. J. MacDonald	B. A. Smith
W. R. Atkinson	L. R. Feetham	G. F. MacDougall	L. O. Smith
Keith P. AuCoin	Donald T. Gillis	J. C. MacInnis	S. G. Snow
Harry Ashcroft	James B. Gillis	C. J. MacLellan	G. E. Streb
Murray J. Banks	A. C. Gilmore	J. E. MacNeil	J. C. Sutherland
Ernest F. Boehk	J. Gary Glenn	M. F. MacNeil	A. T. Swanson
Burton L. Cain	Allison B. Grant	S. E. MacPhee	J. F. Thompson
A. B. Cameron	Athol C. Grant	W. F. Mason	W. A. Thompson
Brian J. Cameron	J. W. P. Grant	R. F. Melanson	Erwin Turner
Cyril B. Carlin	J. E. Hanifen	Robert A. Miller	J. L. Veilleux
R. K. Carrick	L. M. Harvey	I. J. Osmond	M. H. Wadden
M. S. Chasson	Barrie F. Hebb	Brian D. Peel	A. E. Wallace
A. F. Chisholm	Errol B. Hebb	John S. Pope	E. J. Webber
J. D. Chisholm	David R. Hiltz	G. A. Pottier	A. A. White
J. R. Chisholm	F. C. Hutchinson	W. C. Rayworth	B. D. Wolfe
David C. Clark	D. L. Johnston	Edward P. Rice	A. J. Wright
Colin W. Clarke	Dennis A. Jones	Kenneth W. Robb	Frank D. Yates
Garnet F. Clarke	Neff Joseph	David T. Roberts	S. E. Daykin
Victor J. Comeau	G. M. Leopold	F. W. Roberts	L. J. Kincaid
John Covert	H. S. Lively	H. B. Robertson	D. W. Crandall

\*\* STUDENTS \*\*

Paul C. Stone	Rod MacInnis	Robert Redden	Becky Richer
Stephen Vaughan	Bryce Greene	Chris Geddes	Michael LeBlanc
Bruce MacDonald	Jim Bower	Dave Himmelman	Bruce Turner
Grant MacDonald	Rick Surrette	Brian Goyetch	

## THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS

## FINANCIAL REPORT

OCTOBER 1, 1973 TO SEPTEMBER 30, 1974

	<u>1974</u>	<u>1973</u>
Cash on hand October 1, 1973	\$ 3,318.01	\$ 3,608.53
Receipts	18,570.26	14,584.06
Expenditures	\$11,549.29	\$14,874.58
Cash on hand September 30, 1974	<u>10,338.98</u>	<u>3,318.01</u>
TOTAL	<u>\$21,888.27</u>	<u>\$18,192.59</u>

The Cash on hand September 30, 1974, consists of the following:

1) Nova Scotia Savings & Loan Debentures (5 years @ 8%)	\$ 1,800.00
2) Bonus Savings Account	7,253.19
3) Current Account	1,204.79
4) Cash held by Secretary-Treasurer	<u>81.00</u>
	<u>\$10,338.98</u>

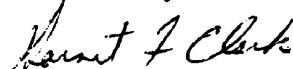
DETAILS OF RECEIPTS

	<u>1974</u>	<u>1973</u>
Dues: - Current	\$11,762.45	\$ 6,626.75
Arrears	588.00	285.00
Associate	30.00	15.00
23rd Annual Meeting	2,894.50	4,084.70
Examination Fees	2,170.50	1,606.25
Nova Scotian Surveyor	948.99	1,091.00
Subscriptions	-	13.00
Professional Stamps	17.50	32.00
Interest on Debentures	19.73	18.00
Interest on Savings	67.59	30.54
Membership Certificates	2.00	3.00
Canadian Council of Land Surveyors	-	764.00
Canadian Council of Land Surveyors - Travel Assistance	69.00	-
Miscellaneous	<u>-</u>	<u>14.82</u>
TOTAL RECEIPTS	<u>\$18,570.26</u>	<u>\$14,584.06</u>

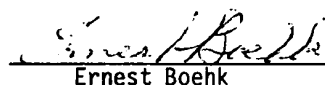
DETAILS OF EXPENDITURES

	<u>1974</u>	<u>1973</u>
23rd Annual Meeting	\$ 3,857.92	\$ 5,759.04
Board of Examiners	1,654.43	2,428.25
Nova Scotian Surveyor	710.97	1,393.49
Professional Stamps	49.02	30.07
Postage	270.25	250.82
Stationery	244.48	299.40
Council Meetings	586.10	405.87
Stenographic Services	557.64	260.00
Delegates to Conventions	940.44	1,542.70
Telephone and Telegraph	18.14	30.00
Workshops	733.53	-
N.S.F. Cheques	99.00	102.00
Bank Charges	19.08	3.00
Honorarium	500.00	500.00
Flowers	16.05	12.42
Roll of Members	400.27	342.74
Addressing Machine/Plates	5.77	8.39
Typewriter Maintenance	38.00	4.50
Regional Meetings	88.00	37.60
Fee Schedule Book	-	457.89
Delegates to Provincial Presidents' Meeting	204.00	209.00
Levy to Canadian Council of Land Surveyors	-	756.00
Private Practice - Expenses	124.38	-
Advertising - Executive Secretary	127.20	-
Books purchased	26.00	-
Post Office Box Rental	8.00	-
N.S.L.S.I. - Prize	8.00	-
Metric Conversion	47.52	-
Survey Standards Committee Expenses	<u>215.10</u>	<u>41.40</u>
TOTAL EXPENDITURES	<u>\$11,549.29</u>	<u>\$14,874.58</u>

Respectfully submitted,

G. F. Clarke,  
Secretary-Treasurer.

Auditors:

  
J. F. Archibald  
Ernest Boehk

NOVA SCOTIA LAND SURVEY INSTITUTE REPORT - J. F. Doig

Last year just about this time I reported to the Association on our plans for the future. This year I can say that we have made considerable progress in carrying out these plans.

Our new building was begun in December 1973, and steady progress has been made through spring and summer to the present. Completion date is still set for November 30, 1974, but last minute delays in the delivery of a number of items will inevitably set this date back a bit.

Earlier we had hoped to be able to move in before Christmas but this date is now looking rather optimistic.

In September we took on an additional class in first-year Survey. Thus we have thirty-three enrolled in this class as opposed to our former complement of sixteen. In the spring of 1976, we hope to be graduating enough survey technicians to meet the demands that have been placed upon us during recent years.

In response to the needs of the Land Registration and Information Service as well as the requirements in municipal assessment offices, we began a course in Property Mapping in the middle of October. There are six students enrolled in this first class which will finish in June 1975.

We are hopeful that next year we will be able to offer training for surveyors' assistants - rodmen and chainmen, a course in urban planning, and perhaps one in remote sensing.

Last summer Charles Hogg, one of our Photogrammetry Instructors, retired. New staff members this year are:

V. G. Oliver, N.S.L.S.  
G. C. Brathwaite, P. Eng., N.S.L.S.  
R. G. Rice, P. Eng.

I am most pleased to be able to report that J.F. Wightman, M.Sc., P.Eng., has been appointed Vice-Principal of the Institute. Mr. Wightman has been a Cartography Instructor with us since 1962. A portion of new responsibilities will be the development of new courses and the development of an extension program.

As time goes on we hope to be able to assist in the arranging the presentation of short courses in surveying and mapping. Such, we think, would meet at least some of the needs in keeping surveyors and mappers up to date.

BOARD OF EXAMINERS' REPORT - J. F. Archibald

The Board of Examiners for Nova Scotia Land Surveyors for the year ending October 31, 1974, consisted of the following members:

- A. F. Chisholm, P. Eng., N.S.L.S. - Chairman
- J. D. Chisholm, P. Eng., N.S.L.S. - President, The Association of Nova Scotia Land Surveyors
- H. B. Robertson, N.S.L.S. - Representing the Deputy Minister, Department of Lands and Forests
- A. H. Abbott, P. Eng., N.S.L.S. - Representing the Association of Professional Engineers of Nova Scotia
- Roy A. Dunbrack, N.S.L.S.
- J. F. Archibald, N.S.L.S.



The Board held four regular meetings and met with the Legislative Committee of the Association at one of its weekly meetings during the period November 1, 1973 to October 31, 1974, as follows:

10 December	1973	
11 February	1974	
19 March	1974	(Meeting with Legislative Committee)
6 May	1974	
16 September	1974	

Mr. H. B. Robertson was appointed to represent the Board of Examiners on the Joint Committee with the New Brunswick Education Committee along with at least two other members of the Education Committee being appointed by the Council of the N.S.L.S. Association.

Board members A. F. Chisholm and A. H. Abbott were named by the APENS Council to act on the Liaison Committee of our Association.

Examinations were held during December 17th, 18th and 19th, 1973 and on May 21st, 22nd and 23rd, 1974.

In the December examinations four candidates wrote supplementals and one candidate wrote a full slate of the Intermediate exams, five candidates wrote supplementals in Final Part I and seven candidates wrote one or more of the Final Part II examinations. Three of the Intermediates and four of the Final Part I were completely successful, while only one Final Part II candidate passed all subjects written by him.

In the regular May Intermediate examinations, eight candidates wrote and passed a full slate of subjects, five failed in one subject each, two candidates writing supplemental or a partial slate were successful and one failed.

In the May Final Part I exams, eight candidates passed a full slate, two failed one subject each and five candidates successfully completed one or two supplemental subjects while one failed a supplemental.

Of the ten candidates writing Final Part II exams, three passed all subjects, two passed one supplemental each, four failed one subject each and one failed two subjects.

During the year nine candidates qualified for Nova Scotia Land Surveyor's Certificates in the following order:

<u>NAME</u>	<u>RESIDENCE</u>	<u>DATE OF CERTIFICATE</u>
Robert T. Roberts	Parrsboro, N. S.	11 December 1973
David S. Thorne	Yarmouth, N. S.	12 February 1974
Glenfield C. Brathwaite, S.E.	Dartmouth, N. S.	12 February 1974
Thomas A. Swanson, P. Eng.	Dartmouth, N. S.	7 May 1974
Dennis A. Jones	Dartmouth, N. S.	7 May 1974
Erwin Turner	Bridgewater, N. S.	17 September 1974
Guenter Bellach, D.L.S.	Richmond Hill, Ont.	17 September 1974
David Cushing, P. Eng.	Dartmouth, N. S.	17 September 1974
Harry T. Ashcroft	Halifax, N. S.	17 September 1974

#### DISCIPLINE COMMITTEE REPORT - E. P. Rice

In November of 1973, following the 23rd Annual Meeting, the Discipline Committee for the year was formed from the Council in accordance with the By-laws of the Nova Scotia Land Surveyors Act. The members elected to form the Committee were:

E. P. Rice, Vice-President, Chairman  
 A. E. Wallace  
 J. C. MacInnis  
 B. A. Smith  
 E. J. Webber  
 M. S. Chiasson  
 R. F. Melanson.

During the year no cases were referred to the Discipline Committee either by the Complaints Committee or Council. Assistance was provided to the Complaints Committee during the month of September 1974, when the Chairman plus two members of Council paid an official call on one of our members to resolve four complaints. It was evident that all the complaints were simply a lack of communication between the land surveyor and his clients, and lack of professionalism on the part of the surveyor.

In viewing the complaints which were submitted to the Association, it should be noted that in the majority of cases the complainant indicated that the land surveyor had not or did not act in a professional manner. This pointed out to us that the public considers land surveyors to be professionals, however, it was most discouraging on investigation of the complaints to see that there was truly a lack of professionalism on the part of the surveyor. It is hoped that the efforts of the Professional Status Committee will have some effect on these members.

Also on reviewing the complaints it was obvious that there was a lack of communication between the surveyors and their clients, which subsequently led to misunderstanding then to total break-off of communication and finally the complaint. In these cases once the Complaints Committee re-established communications between the two parties the problems were usually resolved.

The Discipline Committee is established every year following the Annual Meeting with the newly elected Vice-President as Chairman, plus six members elected from the new Council, as required by Section 27 of our By-laws. From this you may see that this Committee lacks continuity. It is my personal feeling that the Discipline Committee, which is the strong arm of our Association, should have more and better continuity. When discipline cases overlap from one year to another, much time is lost by the new committee in reviewing the history and evidence of the cases before continuing to investigate and determine the action to be taken. Further it can also happen that the views of the new Committee will not be consistent with that of the previous Committee, concerning certain cases, which could result in a complete reversal of the steps taken by the previous Committee. This will result in frustrations for the complainants, due to unnecessary delays, and will reflect poor organization on the Association as a whole.

In light of the above, I will be requesting the Legislative Committee to consider restructuring the composition of the Discipline Committee, with a view of providing continuity, when the By-laws are revised, during the coming year.

#### CANADIAN COUNCIL OF LAND SURVEYORS' REPORT - L. R. Feetham

The Fall Meeting of the Presidents of the Provincial Land Surveyors Association and Corporations across Canada was held at Ottawa on Thursday and Friday, October 24 and 25. This was the eleventh such meeting since 1969 held by the group and it proved to be very rewarding. The Nova Scotia Association was ably represented by your President, Mr. Jim Chisholm, and your Vice-President, Mr. Ed Rice. I was present as a Committee Chairman and wish to report in that capacity.

Prior to C.I.S. Vancouver last spring your Committee was instructed to proceed with an application for letters patent. This application was made to the Department of Corporate and Consumer Affairs during March of 1974, and has been approved in principle by that Federal Department subject to some minor changes in the documents submitted and, an approval form executed by each of the Provinces, approving of the use of the name. This approval is required as a safety measure

in order to prevent other organizations, being created, who might use the name of Land Surveyors in their official title. The objects of the Corporation set forth in the application are as follows:

- a) To promote and advance the science and art of Land Surveying and the knowledge of land surveyors in connection with the practice of the profession of land surveying.
- b) To promote a common standard of professional ethics among land surveyors.
- c) To promote common educational and technical standards for land surveyors.
- d) To promote the reciprocal recognition by the governing bodies of land surveyors in each province of the professional qualifications of land surveyors from other provinces.
- e) To hold meetings for the discussion of land surveying problems and the exchange of views in matters relating to land surveying.
- f) To do all such other things as are incidental or conducive to the attainment of the above objects.

The application presented to the Federal Government in March of this year did not include the C.I.S. as a voting member but only as an observer. It was evident that a certain amount of emotionalism was beginning to cloud this issue and I now am pleased to report that the Presidents at the eleventh meeting voted to enter into a formal working agreement with the C.I.S., to prevent overlap of the areas of responsibility of the two groups. The objectives of the Canadian Land Surveyors can best be achieved by the establishment, maintenance and development of appropriate, coherent and viable Canadian organizations working in cooperation and harmony with each other with a minimum of overlay and duplication of effort. This is vital in order to make the most effective use of the overall human and material resources available.

It took the C.C.P.E. over fifteen years to enter into a working agreement with the E.I.C. Hopefully, the C.C.L.S. and the C.I.S. will commence with a working agreement immediately, thereby setting forth the areas of responsibility that each group has and eliminating the possibility of confusion in the future.

The concern expressed by several of the provinces that the fledgeling C.C.L.S. may detract from the activities of C.I.S. should disappear with the executive of a working agreement by the two organizations.

The ten provincial associations are now in a position to become the beneficiaries of each others experiences and know how. What better way to promote the survey profession than by a united voice directed by members of the survey profession alone.

In retrospect, the past four years have seen a lot of contributions made by a long list of presidents and vice-presidents from the ten associations and corporations. The committee I chair has changed little since 1970, but we are still keen to achieve success which is now only weeks away. The contribution that Nova Scotia has made toward structuring the C.C.L.S. has been significant, commencing with the initial idea by John Pope, a Past President of the Nova Scotia Association, and the continued support by Presidents Streb, Doig, Crooker and Chisholm. The first financial contribution toward the funding of C.C.L.S. was also from Nova Scotia. The membership of our Association should feel justly proud of their efforts. Thank you for the support you have given me, both moral and financial. It has enabled me to work that much harder on your behalf

STANDING COMMITTEE REPORTS

PUBLIC SERVICE COMMITTEE - J. F. DOIG, CHAIRMAN

LEGISLATIVE COMMITTEE - F. W. Roberts

Mr. Roberts introduced Mr. Ken Robb, Mr. Roy Dunbrack and Mr. Murray Banks as other members of the Legislative Committee. Mr. Harold Jackson, Solicitor for the law firm of MacInnis, Cooper and Robertson was also present who has been assisting the Legislative Committee on the final preparation of the first draft of the proposed Act. (This first draft was passed out at the Annual Meeting).

There are a couple of basic things which I would like to say about the draft before we get to the question and answer period. It is a proposed piece of legislation. It is the first draft that we have been able to put together. The reason why it is here today is to allow the members attending the Annual Meeting to provide the Committee with some feedback and comments and constructive criticism on what we have put together. We have solicited your opinions over the past year by way of a letter to the membership but we did not get a great deal of response.

You should also bear in mind that the Committee does not intend or is not asking for the membership to formally approve this draft piece of legislation at this time. We are not requesting or requiring a motion or resolution that it be accepted or rejected. It is here for your information and comments and open suggestions only. I would like also to say that we would like to discuss it generally.

One of the things that was changed was the make-up of Council, or at least the way the Council will be elected. There has often been criticism that, why should I vote for a representative from the Amherst area? I don't live there and sometimes I don't know the candidates who are proposed. This allows the members in the zones to vote for their representative, and the zones, of course, have been changed hopefully on a more equitable basis with respect to representation of population.

The next Section refers to the Board of Examiners; basically not a great deal of change. Probably the effect here, is to bring the Board more under the auspicious and control of the Association rather than have it operate as a separate body as it did in the past.

Under the Section "Corporations" - it requires that surveying companies have their principal shareholders as land surveyors.

Under the Section "Discipline" - we have tried to make the Act stronger to give some authority in disciplining members.

Under the Section "Reinstatement" - where a surveyor has been disciplined and suspended or dismissed this makes provision for reinstatement. There can be no discipline without appeal.

Under the Section "Offences" - closely along the lines of the old Act.

These opening remarks by Mr. Roberts were followed by a discussion period giving the members an opportunity to comment on the Act.

Mr. Doig closed this part of the program by stating that the Committee will be attending Regional Meetings and asked the members to come to the Regional Meetings with their questions. He also asked the members to give the Committee these comments in writing. If the Committee has the points in writing they can deal with them, and analyze them carefully, and be reasonably sure that they are getting the point that you are making.

PROTECTION COMMITTEE - J. S. POPE, CHAIRMAN

PROFESSIONAL STATUS REPORT - A. F. Chisholm

Report appeared in the October 1974 issue "The Nova Scotian Surveyor" on Page 31.

PRIVATE PRACTICE COMMITTEE REPORT - A. B. Grant

May 1, 1974 -

At a meeting of the Halifax Branch of the Association, a number of questions were asked as to why the Committee had not made any representation or investigation respecting the L.R.I.S. methods of tendering for survey work. F. Thompson and A. Grant assured the meeting that something would be done as soon as possible on this matter.

May 5, 1974 -

A meeting of the Committee was held at the office of W. S. Crooker with F. Thompson and A. Grant in attendance and W. S. Crooker as Chairman.

The matter of L.R.I.S. tendering procedures was brought up and A. Grant was asked to serve as Chairman of a Special Committee, with F. Thompson to sit on the Committee. Considerable discussion was also held regarding updating the fees and charges for land surveying services.

May 7, 1974 -

A meeting of the Special Committee was held in the offices of Servant, Dunbrack and MacKenzie, Limited, with A. Grant in the chair and F. Thompson, W. Servant and I. Macdonald in attendance, the latter two members having agreed to participate as ad hoc members of this Committee. It was decided that we should make a direct approach to the Council of Maritime Premiers by letter to Mr. A. A. Lomas explaining the Association's position. A letter was also prepared for the President's signature directed to the membership at large and it was suggested that the Executive Director of the Land Registration and Information Service be forwarded copies of the above-mentioned letters, as he had made the request that he be advised of our position on the subject.

May 8, 1974 -

A meeting was held at W. Servant's office, with A. Grant and W. Servant in attendance, to put the final touches on the previous night's work.

May 13, 1974 -

A supper meeting was held with President Chisholm at the Citadel Inn with A. Grant, F. Thompson and I. Macdonald attending. At this time a few modifications of the submissions, both to Mr. Lomas and to the membership at large, were arranged.

May 15, 1974 -

A meeting was held with President Chisholm, A. Grant and I. Macdonald attended. The President informed us that he had been in touch with Mr. Lomas and the Executive Director of L.R.I.S. and that the latter had asked to meet with our Association because he thought that our views on tendering were not too far apart and possibly some compromise could be worked out. At this meeting A. Grant and I. Macdonald mailed information letters to the membership at large and, at the President's request, it was decided that the Vice President of the Association would chair any meetings and sign any correspondence in future relating to the L.R.I.S. procedures.

June 1, 1974

At the June Workshop A. Grant was officially requested by the Chairman of the Protection Committee to take over the chairmanship of the Private Practice Committee for the remainder of the year. At this time F. Thompson agreed to set up a special committee to update the booklet, "Fees and Charges for Land Surveying Services".

June 5, 1974 -

A meeting of our Committee, with Vice President, E. Rice, in the chair, and other interested members of the Association, was held with the Executive Director of the L.R.I.S. and members of his staff. Mr. Roberts explained the make-up of the Board of Directors of the L.R.I.S. and their attempts to convince the Treasury Boards to adopt a negotiating stance for survey services. While the majority of members of the Association of Nova Scotia Land Surveyors were requesting that a present large contract awarded for work in the Hants County area be retracted, the opposite view was taken by the L.R.I.S. staff. The meeting ended deadlocked on this issue, but prior to the close of the meeting Mr. Roberts did invite members of our special committee to attend a meeting of the Board of Directors of the L.R.I.S. to be held at Summerside on June 12, 1974, to explain our position directly to the Board.

June 10, 1974 -

A meeting of the special committee, with A. Grant as Chairman, was held at the Citadel Inn in order to provide some direction to our representatives to the Summerside Meeting. Those present were F. Thompson, I. Macdonald, W. Servant and, at the request of the Chairman, K. Robb attended in an advisory capacity.

Following the committee meeting, the members met with the Council of the Association and received unanimous approval on most of the points we suggested making at the Summerside meeting.

I. Macdonald was appointed to represent the Association with A. Grant to accompany him to the Summerside meeting.

June 12, 1974 -

I. Macdonald and A. Grant met with the Board of Directors of the L.R.I.S. at Summerside and Ivan did an excellent job of stating our position.

June 14, 1974 -

A meeting of the special committee was held at the offices of Servant, Dunbrack and MacKenzie Limited, with A. Grant, as Chairman, and F. Thompson and W. Servant attending. At this meeting the Summerside gathering was summarized. The implications of the meeting were fully discussed and a report was drafted including recommendations to be carried by I. Macdonald to Council at their regular meeting of June 15, 1974. Generally, the recommendations were that any member of the Association who tendered on bids after having been previously warned not to do so should be brought before the Discipline Committee.

It was recommended that Council make arrangements for a meeting of the three Maritime Survey Associations to see if there was any common ground for dealing with the L.R.I.S. systems. (Reference is made to I. P. Macdonald's article in the October issue of The Nova Scotian Surveyor).

June 15, 1974 -

I. Macdonald reported to Council on the above matters.

July 25, 1974 -

A meeting was held in the Board Room of the Council of Maritime Premiers at Halifax. I. Macdonald and A. Grant represented the Association of Nova Scotia Land Surveyors. Prince Edward Island was represented by Carl MacDonald and New Brunswick was represented by Phil Kierstead, Jim Bolton and Ed Smith. The Executive Director of the L.R.I.S. and members of his staff, as well as Bert Robertson, were in attendance.

Mr. Roberts chaired the meeting and everyone was brought up to date on proceedings of the previous meetings.

Mr. Roberts requested suggestions regarding negotiating procedures to take to Treasury Board which will probably meet early in August. I. Macdonald outrightly refused to commit the Association of Nova Scotia Land Surveyors until such time as a real meeting of the three Maritime Association could be held.

Representatives to the three Associations met over and after lunch and returned to the meeting and presented interim proposals to terminate November 30, 1974. The Proposals were accepted on this basis. A working committee of the three Maritime Associations to continue negotiations was set up with I. Macdonald as Chairman, E. Smith as Secretary and C. MacDonald.

October 5, 1974 -

The working committee of the three Maritime Associations met at the MRMS offices in Amherst with I. Macdonald, as Chairman, and E. Smith, C. MacDonald and A. Grant in attendance.

Various recommendations regarding the L.R.I.S. negotiating procedures were discussed and will be reported to the Councils concerned.

\* \* \*

At this point in the meeting President Chisholm read letters and telegrams from invited guests who were unable to attend the meeting.

#### COMPLAINTS COMMITTEE REPORT - John C. MacInnis

Other Committee Members: - Garnet Clarke, Burney Smith and Ted Webber.

In the past year the Association has received seventeen (17) formal complaints. This is an increase of 13% over last year.

All complaints have been acknowledged by letter, telephone, or personal contact.

The Committee has acted upon eleven (11) of these complaints in an effort to resolve them. Several of the complaints have come in the last few weeks and we have not met to act on these.

To the best of our knowledge, only four (4) of the complaints have been resolved and we have promises on some others.

There were no complaints passed on to the Discipline Committee this year.

The following is a rough breakdown of the types of complaints - some complaints fall under more than one of these categories:

1) Overcharging	14%
2) Receiving money and not starting or completing work	27%
3) Lack of communication or formal agreements	36%
4) Careless surveying	5%
5) Unsatisfied with survey work	8%
6) Others	10%.

This Committee has also taken part in the Workshops:

1) Preparing a draft of a revised Code of Ethics to be incorporated into the new Act by the Legislative Committee.

2) Preparing a better and faster system for the handling of complaints.

3) One of our committee members prepared a very fine article pertaining to complaints for "The Nova Scotian Surveyor". If you have not already read this article, I suggest you do. You will find it on Page 27 of the October issue.

SATURDAY, NOVEMBER 9TH - 9:30 A.M.

#### SURVEY STANDARDS COMMITTEE - K. P. AUCCOIN, CHAIRMAN

#### SURVEY REGULATIONS COMMITTEE REPORT - David C. Clark

The Regulations Committee has been busy this year on two major projects: the preparation of Regulations under the Surveys Act and the revision of the Regulations of the Board of Examiners under the Nova Scotia Land Surveyors Act.

On the Surveys Act project the Regulations Committee worked in cooperation with two delegates from the Department of Lands and Forests designated by the Director of Surveys. Several meetings were held and a set of Regulations were drafted, closely patterned after existing Regulations in the Province of New Brunswick. Survey Instructions to accompany the Regulations were also drafted, and both Regulations and Instructions were sent to the Director of Surveys for his perusal and revision.

The second project of the Committee, has been the compilation of Regulations on survey standards to accompany the revisions of the Nova Scotia Land Surveyors Act, by the Legislative Committee. Several committee meetings have been held on this project over the summer and Regulations have been prepared, revising Sections 8, 9 and 10 of the old Regulations as well as utilizing excerpts from the Regulations of other provinces and states. The first drafts of the Regulations, under this project, are presently with the Legislative Committee for its study and recommendation.

#### Terms of Reference:

The purpose of the Regulations Committee shall be to collect and analyze the various Acts and Regulations pertaining to standards of land surveying in effect in Nova Scotia and, where deemed necessary, to make recommendations to Council initiating the revisions and updating of these Acts and Regulations:

- 1) The Committee shall be a standing committee with a minimum of two members with power to add.
- 2) The Committee shall:
  - a) assemble all Provincial and Federal Acts pertaining to survey standards in the Province of Nova Scotia and review and compare existing situations,



- b) establish communications with other Associations regarding survey regulations as applied in their Provinces for comparison with our standards of surveying,
  - c) make contact with the various government personnel, who are responsible for the development and implementation of the present regulations, to obtain information on their requirements.
- 3) The Committee shall then make recommendations to Council with regard to upgrading and standardizing regulations pertaining to survey procedures for Council's approval and presentation to the Board of Examiners and other bodies where applicable.

#### Projects:

- 1) Surveys Act Regulations -
  - a) to work with the Director of Surveys, Department of Lands and Forests, on the preparation of Regulations under the Surveys Act, Chapter 20, Statutes of Nova Scotia,
  - b) to scrutinize these Regulations in respect to their effect:
    - i) upon members of the Association and the member-client relationship,
    - ii) upon the general public in terms of increased expense and time loss in their implementation,
    - iii) upon other Acts of the Province now in effect.
  - c) to support the Director of Surveys in his presentation of the proposed Regulations to the Governor-in-Council.
- 2) Nova Scotia Land Surveyors Act Regulations -
  - a) The examination of survey regulations in effect in Nova Scotia and other Provinces, to gather information and to make presentations to Council recommending the revision and updating of the Regulations respecting Standards of Surveying in Nova Scotia, to accompany the new Nova Scotia Land Surveyors Act presently being prepared by the Legislative Committee.

#### EDUCATION COMMITTEE REPORT - A. E. Wallace

Your present Education Committee was formed since the last Annual Meeting and consists of:

Garnet F. Clarke	- Avondale
George E. Streb	- Halifax
Stewart E. MacPhee	- Antigonish
A. Wallace, Chairman	- Dartmouth.

Our terms of reference, which have been approved by Council are:

- 1. Investigate the present and future responsibilities of the Nova Scotia Land Surveyor to the public and the Association, and determine the educational requirements to satisfy these needs;
- 2. Obtain and review the educational requirements of other Survey Associations in Canada;

3. Make recommendations to the Council of the Association and the Board of Examiners on:
  - a) matters pertaining to the educational requirements to qualify as a Nova Scotia Land Surveyor,
  - b) matters pertaining to the development of continuing education for Nova Scotia Land Surveyors.

The Committee has had a very active year with our meetings, a joint meeting with the Board of Examiners, several joint meetings with the Legislative Committee and we have participated in the Workshops held for the Committees.

Our first meetings were spent in discussing the items in our terms of reference, mainly the present and future responsibilities of the Nova Scotia Land Surveyor - and the educational requirements to satisfy these needs. The Committee feels that our present educational requirements to become qualified, are not adequate and our present "Surveyor in Training" period is too short.

Changes in our present procedures were recommended by the Committee and approved in principle by Council, then forwarded to the Board of Examiners for its consideration. The Board agreed with our suggestions, however, it felt that new legislation and revisions to the regulations are necessary before changes can be made.

Our major task during the summer and fall has been in preparing legislation and regulations pertaining to education.

### REGULATIONS

#### Under the Nova Scotia Land Surveyors Act

#### GENERAL

1. (1) The term of articles for a person who has successfully completed the requirements to qualify as a Dominion Land Surveyor or is a member in good standing of another Provincial Land Surveyor's Association in Canada, is one year.
- (2) The term of articles of a student who holds a degree in land surveying or its equivalent, acceptable to the Board, is two years.
- (3) The term of articles of a student who has successfully completed a course in surveying technology from an institute of technology or equivalent, is three years.
- (4) The term of articles of a student who has obtained a degree from a recognized university, other than the student mentioned under Section 1(2), is three years.
- (5) The term of articles for a student who holds a junior matriculation certificate (Grade XI, Nova Scotia) or its equivalent, is four years.
2. (1) The person who has successfully completed the requirements to qualify as a Dominion Land Surveyor, or is a member in good standing of another Provincial Land Surveying Association in Canada shall be required to obtain a pass standing in the Final Part II exams, as outlined in the By-laws of the Association.
- (2) The student who holds a degree in land surveying, or its equivalent acceptable to the Board, shall be required to obtain a pass standing in the Final Part II exams, as outlined in the By-laws of the Association.

- (3) The student who has successfully completed a course in surveying technology from an institute of technology, or equivalent, shall be required to obtain a pass standing in the Final Part I and the Final Part II exams as outlined in the By-laws of the Association.
- (4) The student who has obtained a degree from a recognized university other than the student mentioned under Section (2) shall be required to obtain pass standing in the Intermediate, Final Part I and Final Part II exams as outlined in the By-laws of the Association.
- (5) The student who holds a junior matriculation certificate (Grade XI, Nova Scotia) or equivalent shall be required to obtain pass standings in the Intermediate, Final Part I, and Final Part II exams as outlined in the By-laws of the Association.

With regard to the Educational By-laws; we have had much discussion on the subjects for examination and are taking a close look at the Educational By-laws

is on that committee, representing this Association. The joint committee's chairman is Keith AuCoin, N.S.L.S., and he will be reporting to you at our Annual Meeting. The Education Committee will have liaison with the Joint Committee and perhaps our Education By-law will be prepared after considering recommendations from the Joint Committee.

In considering continuing education for the Nova Scotia Land Surveyor, the Committee had planned to conduct a Workshop on the theory and practical use of the Co-ordinate System in Nova Scotia. This has not been accomplished, however, it has not been forgotten. Perhaps a special committee should be formed to look after continuing education.

Our aims for 1975 are:

- (1) Final preparation of regulations pertaining to Education and an Educational By-law.
- (2) Recommendations on implementing the Educational By-law.
- (3) To arrange for suitable seminars of instruction for the present surveyor to keep himself updated to present methods of surveying.

In closing, I would like to thank the members of my Committee, Garnet Clarke, George Streb, Stewart MacPhee, and from the Survey Standards Committee, Keith AuCoin who has been very active on the Education Committee.



*Al Wallace, Chairman of the Education Committee,  
confers with Jim Dearden, President O.L.S.,  
on Education Regulations*

SATURDAY, NOVEMBER 9TH - 2:00 P.M.

COMMUNICATIONS COMMITTEE - W. E. SERVANT, CHAIRMAN

THE NOVA SCOTIAN SURVEYOR REPORT - I. P. Macdonald

The past year was a good year for our publication. Circulation increased to the 325 mark which was due to two factors, new members and national and international subscribers. Copies are sent to the West Indies, U.S.A., and to every province in Canada. Advertising space has also increased.

In the past the "Surveyor" was published by a committee of one, then in the course of evolution a committee of three was responsible for the publication, and now we have a staff of interested people in every part of the province.

Our Business Manager is Robert A. Daniels who has promoted the publication to the business world and is responsible for the increase in advertising. There are assistant editors and reporters who contribute to the technical papers department, stretch of the tape section, report of Association committees, report from convention delegates and survey news from around the province.

We are on a four issue schedule for next year, therefore, we will be expecting our members to contribute their share when approached by one of the staff editors, reporters or writers.

We wish to thank Dot Lowe for being so patient with us when we are preparing the articles for each publication and for the excellent typing which she so effortlessly produces.

We also would like to thank all those who are not named herein for their articles, their interest and promptness. Oh, yes, we thank all of you who like to read "The Nova Scotian Surveyor". Let 1975 be your year to volunteer your articles.

# JOINT ENGINEER-SURVEYOR LIAISON COMMITTEE REPORT - D. K. MacDonald

The first meeting of this Committee was held on March 26, 1974, in the APENS Board Room, 1828 Upper Water Street.

At this meeting it was agreed that the make-up of the Joint Committee would be four members from each Association, as follows:

Surveyors - Murray Banks  
 Al Daykin  
 Errol Hebb  
 Doug MacDonald

Engineers - Art Abbott  
 Art Chisholm  
 Alan MacDonald  
 Jack Bateman.

After a call for nominations the following slate of officers was elected:

Chairman - Art Chisholm  
 Vice Chairman - Doug MacDonald  
 Secretary - Al Daykin.

It was agreed that the term of office for members should be for the balance of each Association year and that the Committee would meet monthly (except for July and August) or more frequently if business demanded.

After some discussion it was agreed that the Committee's terms of reference should be kept relatively simple and unconstrained to enable it to cope with the broad range of problems that we anticipated would ultimately "land on our plate". Hence, our somewhat self-imposed terms of reference became:

- to study and define the separate activities of Engineers and Surveyors;
- to deal with matters of mutual interest and concern, and
- to prepare reports, as required, for submission to our respective Councils.

In the five subsequent meetings of the Committee, to date, the following subjects have come under discussion:

1. Acts - Draft copies of the revised Acts governing both Associations have been distributed to all Committee members for perusal and comment. It is hoped that by so doing, any areas of potential conflict can be discussed and, hopefully, resolved before they are presented to the Legislature.
2. Professional Standing - The scope, status and educational requirements of both professions are under continuing scrutiny with particular emphasis being placed on the future demands that will be placed upon us by the public we serve. In this regard we are also considering the technical support people on whom we rely for execution and operational functions.
3. Governmental "Make or Buy" Policies - Concern has been expressed over the growth of governmental in-house services in areas formerly served by professionals in the private sector. This development will be explored more fully in the future and reported on at a later date.
4. Subdivision Approvals - It appears that many Surveyors and Engineers are experiencing delays and some problems in obtaining subdivision approvals. We have reviewed copies of letters from several firms outlining the problems encountered.

It appears that approvals are controlled by the Environmental Protection Act, administered by Mr. MacTavish, Deputy Minister, Department of Environment, and handled by an Interdepartmental Committee comprising Environment, Health, Highways and Municipal Affairs. Art Chisholm has discussed the matter briefly with Mr. MacTavish and they have arranged for a meeting between four members of our Committee and Mr. MacTavish and his staff. We will be reporting the results of this meeting to our respective Councils in the near future.

A wide variety of other topics has been discussed in brief general terms, some being dropped as inappropriate to our Committees, others deferred for more detailed study at subsequent meetings; however, it is hoped that the above will give you some feeling for the "who" "what" and "why" of our Committee and an idea of the direction in which we are heading.

#### REPORT OF CAPE BRETON REGION - M. S. Chiasson

Our region held three meetings within the past year. We would encourage more participation by the members.

The first meeting was held at the Isle Royal Hotel, Sydney, on January 21, 1974 at 8:00 p.m. Thirteen surveyors present. General feeling of members was that an upward adjustment in our Schedule of Fees was necessary because they had not been adjusted for approximately four years.

Ed Rice explained the work done by the Standing Committees to date. One important point brought out was that Association members need not be members of the committees to contribute ideas and suggestions. If an Association is to be active, it must have input from all members.

Appreciation was expressed by the members, of the work done by the staff of the Nova Scotian Surveyor as it is a valuable means of communication.

The practice of bidding was discussed at great length and finally, it was agreed that bidding is contrary to our By-laws and that in the future, all surveyors in attendance would refrain from submitting bids. The hiring of surveyors should be done in the manner prescribed in our booklet.

It was suggested that a Committee be formed to protect "Salaried" Members in the same manner that the Private Practice Committee should look out for the interests of the surveyor in Private Practice.

Some dissatisfaction was expressed in the obtaining of coordinate values and location sketches from L.R.I.S. of the monuments in certain areas.

The second meeting was held at the Law offices of Doucet and Kelly, Port Hawkesbury, on June 7, 1974 at 8:00 p.m.

Some of the discussion centered around the Workshop of June 1, 1974, and the new changes proposed by the Standing Committees. One item discussed was the upgrading of our education standards. A strong point was that our Association should not be tightening its regulations to have the effect of qualifying fewer surveyors but rather better surveyors.

Metric conversion was discussed and it appeared to be strongly endorsed by the members in attendance.

Much praise was given by the Councillors of the members of the Standing Committees for the work they have been doing and for the many hours they have spent on behalf of their fellow surveyors in developing a better Association.

General discussion followed.

The third meeting was held at the home of L. Harvey, Baddeck on November 1, 1974 at 8:00 p.m., with seven members present.

The suggested revised scale of minimum fees was discussed. There were varying views on the subject. There appeared to be differences in the manner surveyors were billing and just what services were included in the billing, it was difficult to determine. It was the general feeling that suggested minimum rates should definitely be increased from the 1970 rates; however, a general consensus was not reached on what this should be.

The idea of a standard survey certificate was discussed. Most thought that the one recently circulated should be modified to have the surveyor certify that the building is within the boundaries of the lot and that the description of the lot should be attached as Schedule A.

In each of the above instances, general discussion followed which enabled surveyors to discuss common problems, ask questions, seek advice, and to exchange ideas. All agree that these regional meetings are most helpful and all members should be encouraged to attend.

#### WESTERN NOVA SCOTIA - K. P. AuCoin

Two Regional Meetings were held this past year, one at the Survey School in Lawrencetown in August and one at Liverpool in October. Both meetings were reasonably well attended and a keen interest in the future of the Association was shown by all members present.

The problem of being part of such a large Region, and possibly having it split longitudinally, was brought up at both meetings and it was solved for the present with the suggestion that the Regional Meetings be alternated between the South Shore and the Valley.

The Councillors reported at both meetings on the progress of the committee work being carried out at the Workshop Meetings and Special Committee Meetings. Considerable interest was shown toward tendering for work from both L.R.I.S. and the Nova Scotia Housing Commission and the general consensus was that survey work of professional standards was not, and could not be, carried out in all instances under the present set up of tendering.

A motion was made at the first meeting to the effect that a request be made of the Regulations Committee to include in their new legislation a clause stating that aluminum capped iron bars bearing the surveyor's registration number must be used as legal survey markers.

Considerable discussion ensued at both meetings regarding the responsibility of the land surveyor who signs a certificate as required by the various planning boards on a plan of subdivision. Some felt that we were being dictated to by different government branches or organizations as to what our survey requirements should be and concern was shown about the signing of certificates on subdivision plans that may not have any legal basis whatsoever. At the second meeting a motion was tabled to the effect that a resolution be brought forward at our Annual Meeting stating that a surveyor who signs a legal survey plan be responsible for the layout of such a plan.

A special afternoon tour of the Bowaters Mersey Paper Company Limited mill in Liverpool was arranged through Don Wagstaff to supplement our October meeting. The tour was well attended and very enlightening. It was followed by a supper at a local steak house and the day concluded with an evening meeting. It was agreed that Regional Meetings must be held more frequently in the coming year and that our next meeting will be held in the Valley area sometime between the December and March Council Meeting.

HALIFAX CITY AND COUNTY - A. E. Wallace

Two regional meetings were held, one on May 1st which was attended by 28 members. We had the pleasure of having our Vice President, Ed Rice, at that meeting. Ed brought us up to date on the committee structure and the Workshops planned for the various committees.

Fred Roberts gave us a report from the Legislation Committee.

Ivan Macdonald brought us up to date on the negotiations with L.R.I.S.

Bob Feetham has been continually keeping us informed on the formation of the Canadian Council of Land Surveyors.

On October 16th, our second meeting was held with 20 members present. Al Grant gave us a report on the work of the Private Practice Committee.

Fred Hutchinson brought his proposal to us at that time regarding Surveyors' Certificates.

The majority of this meeting was spent on the discussion on the proposed Schedule of Fees.

INSTALLATION OF OFFICERS

President Jim Chisholm called on Art Chisholm and asked the Past Presidents to escort Mr. Ed Rice to the platform.

We, the Past Presidents of The Association of Nova Scotia Land Surveyors, hereby present Edward Patrick Rice to you as President for the forthcoming year.

President Chisholm read the following to Mr. Rice:

"The office of the President of the Association bears a heavy responsibility. It is fitting that this ceremony be inaugurated for this, the 25th year of our Association. It will be your duty to provide leadership for the Association; to chair such meetings that may be held; to represent Nova Scotia Land Surveyors at such meetings of learned and professional societies that you are directed to attend and any other duties that may devolve upon you.

I ask that Ivan Macdonald stand as Vice President for the coming year, and that he understand that the oath which I am about to administer applies equally to him, as he may be called upon to carry out the duties of President in the absence, at any time, of the President."


Mr. Feetham, as a Commissioner of the Supreme Court of Nova Scotia asked Mr. Rice to repeat the following:




\*\* OATH OF OFFICE \*\*

I EDWARD PATRICK RICE 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 LAND SURVEYORS ACT AND ASSOCIATED BY-LAWS AND REGULATIONS, SO HELP ME GOD.

SWORN BEFORE ME AT AMHERST  
IN THE COUNTY OF CUMBERLAND  
PROVINCE OF NOVA SCOTIA THIS  
9TH DAY OF NOVEMBER 1974 A.D.

  
L. R. FEETHAM  
A COMMISSIONER OF THE SUPREME COURT  
OF NOVA SCOTIA

  
EDWARD PATRICK RICE

President Rice then introduced the Executive for the coming year. (Page 10). Also see Page 36 for Mr. Rice's Acceptance Speech.

NEW BUSINESS

Mr. Bert Robertson presented a bound set of the first twenty-eight issues of The Nova Scotian Surveyor to the Association so that they be kept, eventually in the Library. He also stated that he hopes that the Association will continue to bind all of the issues.

NOTICE OF MOTION - A. B. Grant, Chairman, Private Practice Committee

Be it resolved that the booklet entitled "Fees and Charges for Land Surveying Services" be amended, revised and reproduced with the following changes:

- 1) Booklet to be reduced to pocket size.
- 2) Unit rate schedule (page 11) be eliminated.
- 3) Schedule "A" be amended by:
  - (1) changing the factor from 2.0 to 2.5;
  - (2) changing item (5) (mileage) to read:  
"vehicle @ \$4.00 per day or .25¢ per mile".
- 4) Existing schedule "B" to be eliminated and a new schedule "B" (as follows) to be inserted:

SCHEDULE "B" -

Schedule "A" may be used but fees must not be less than those hereunder noted.

The following are minimum fees for individual services:

Mortgage Certificates - corners in place	\$ 75.00
Certificates showing structure relating to boundaries	125.00
House stake out for excavation	100.00
Certificate following above stake out	75.00
Subdivision of lands for 20,000 sq. ft. or less, staking only	100.00 each lot
Descriptions 4 sides	20.00 + \$1.00 each additional side per deim rate

5) Existing schedule "C" to be amended so as to read as follows:

"For surveys of commercial industrial or high class residential properties, Schedule "A" fees + 1/10 of 1% of the assessed value of the land and buildings."

It was moved by Al Grant and seconded by Al Wallace that the Notice of Motion be accepted as presented.

- Tom Swanson - Do we have any means of regulating these suggested fees? If not, would it be possible for this to be considered in the drafting of the Act which is currently being done?
- Ed Rice - At the present time the fees suggested are minimum rates.
- Ken Robb - We have the framework of our new Act outlined now and within that framework there will be ethics and minimum tariffs, etc. We are going to go over all these items before we present the new Act to the Legislature. Our members will have a further opportunity to discuss these regulations at a later date.
- Roy Dunbrack - In answer to Mr. Swanson's question - in the Code of Ethics which reads "He shall adhere to the general or local scale of minimum professional charges which may be adopted by the Association in any particular district." So it will be a breach of the Code of Ethics solicited outside the framework.
- Murray Banks - At the Regional Meeting, when this was brought up, I did not necessarily question the rates, but I sort of thought there should be a supporting brief for us to look at to support the rates that were arrived at. I think that it is important to all of us not just the ones in Private Practice. I think that in future there should be a supporting brief to let us know just how they arrived at these figures.
- Roy Dunbrack - I do not take exception to the first part until we go to Schedule "B" - "Mortgage Certificates - corners in place" - who placed the corners? I do not do my survey certificates in that manner. Certificates showing structure relating to boundaries, by the same token whether or not they are in an old area or a new area, I see the danger here that if this is the minimum, as I believe it to be, that once you publish these rates and you find that you have to charge \$240 to present a certified plot plan to a mortgage company or building inspector, etc., how are you going to explain to your client the suggested rates?

- Ed Rice - When I was Secretary-Treasurer of the Association quite often firms and mortgage people would write to us and ask us for our Schedule of Fees. We would send them our book and to them this was the price.
- Brian Peel - In the Valley all that the mortgage company, as far as I am concerned, wants on the Mortgage Certificate is a written letter certifying that that house is sitting on the lot.
- Joe MacLellan - The same applies in my area.
- Bill Crooker - There is some responsibility to state that the house is on the lot.
- Tom Swanson - I think we have been given the financial responsibility to see that the house is on the lot.
- Ken Robb - I think it is obvious that we need a lot more discussion and input on setting these targets.
- Roy Dunbrack - Concerning descriptions I cannot justify \$20 for preparation of a description. Often times we are called upon to prepare 100 descriptions at a time and to me it is an awful lot of money. I just cannot possibly believe my clients could stand for \$20 for each description.
- John Pope - This is a very good point if you are doing more than one description; however, the Barristers charge a minimum rate of \$15 per description but most of the time they only do one description at a time. Perhaps in this description - 4 sides \$20 - there could be an amendment to that based on the number of descriptions the price could decrease accordingly.
- Brian Peel - Concerning subdivision of lands - if you have two pieces of land and one is swampy and the other is nice and level, how can you justify a \$100 figure for two different types of land? I think that you have to consider each case.
- John Pope - On staking of lots \$100 - this is fine if you are staking one lot but if you are involved in a subdivision as passed to us by the Housing Commission there may be 100 or 200 lots in the subdivision and according to these rates it will cost \$10,000 or \$20,000. The Housing Commission would say they would prefer to retain our services by the day. I would say that we want \$240 per day for a survey crew. In a lot of these cases we will stake more than 2.4 lots per day. Now, am I going to say, we are sorry everybody that belongs to our Association will not do these lots for less than \$100 per lot in mass, or will I say, yes I will work for you for \$240 a day?
- Al Grant - I guess it depends on how many lots you can do per day. At the present time we have to say \$100 per day per lot.
- Fred Hutchinson - Would it be possible for Mr. Grant to read over these present fees that are being charged? I was just wondering why you are trying to itemize them, you have rates established now, per hourly rates. Why not stick to the hourly rates?
- Al Wallace - We felt there was a need, especially in this area, for a few most common types of surveys being spelled out because we thought it would be a guide for moonlighting.

- Fred Hutchinson - Why cannot a so-called moonlighter charge the minimum rates?
- Al Wallace - You should report the names to the Complaints Committee.

It was moved by Al Grant and seconded by Al Wallace that this motion be withdrawn until further study and discussion with the Private Practice Committee.

#### NOTICE OF MOTION

"Be it resolved that the Association of Nova Scotia Land Surveyors adopt a standard form for the commonly called "Surveyor's Certificate" (mortgage or building certificate)".

The form to be used would be the one as shown in the April, 1974 issue of The Nova Scotian Surveyor, with a few modifications. It would be made available to the membership at a price to be decided upon by Council and would be produced on a plastic transparency and/or tracing paper.

The reason for such action is a worth while one. It would compel a lot of surveyors to increase their standards if used, and would give the younger surveyor a readily available form, but, above all, it would increase the professional look of a "Certificate".

It was moved by Fred Hutchinson and seconded by Lee Johnston that the Association of Nova Scotia Land Surveyors adopt a standard form for the commonly called "Surveyor's Certificate".

- Dave Hiltz - I question the part on Easements. A lawyer when he certifies the title, he usually says subject to survey. I don't think Easements should be put in at all.
- John Pope - Have you consulted any law firms, banks or mortgage companies that are asking for these certificates in the preparation of this form?
- Fred Hutchinson - No, they have their own ideas but every one differ. I feel that surveyors are being dictated to.
- Bob Feetham - Page and book number should be recorded.

It was moved by Bob Feetham and seconded by Bob Daniels that it be adopted as presented. Motion defeated.

- Ken Robb - I think this matter should be handled by a Committee. I suggest that Council appoint a Committee from the membership and direct that a full report be prepared and presented to the Legislative Committee.

#### BUSINESS MANAGER

After a lengthy discussion it was moved by Jim Chisholm and seconded by Bob Feetham, that Council be given the power to negotiate with the gentleman in question and be accepted as Business Manager for the Association on a part-time basis for a period of a year between the salary range of \$7,000 and \$8,000. Motion carried.

President Rice read a letter from the Private Practice Committee regarding the ARDA III Government Assistance Program as follows:

"The Meeting unanimously agreed to request Council to approach the ARDA III Government Assistance Program as directed in writing advising them that the Association of Nova Scotia Land Surveyors will be willing to participate in a study of survey costs and procedures in relation to their program in Nova Scotia."

Mr. Rice said he would like to mention to the meeting and to membership that he would do this by the first Council Meeting.

#### LIFE MEMBER

Mr. Rice put forward the name of James Charles "Jim" Sherren of Moncton, New Brunswick as Life Member.

Mr. Sherren became a Provincial Land Surveyor of Nova Scotia January 7, 1946, as Member No. 189. He joined the Association of Nova Scotia Land Surveyors in November 1955.

He joined the New Brunswick Land Surveyors Association in April 1954 and became a Life Member of that Association this year.

Became a Newfoundland Crown Land Surveyor October 28, 1952 and is an active member of that Association.

He joined the Canadian Institute of Surveying in August 1953 and is a Fellow of the American Congress of Surveying and Mapping.

Over the years, Jim has been an active member of our Association, and he and his wife, Mary, have been familiar figures at our Conventions.

He is an active and experienced surveyor, and an active and experienced Conventioneer, and is always willing to lend a hand, whether it be from his professional experience, or his convention experience.

It was moved by Bob Feetham and seconded by John Pope that James Charles Sherren be made a Life Member of the Association of Nova Scotia Land Surveyors. Motion carried.

#### WORDS OF THANKS

Mr. Rice thanked Fred Hutchinson for the plan display and Dave Crooker and Jim Sherren for the Antique display.

#### MEETING ADJOURNED

Mr. Rice moved and George Streb seconded that the 24th Annual Meeting be adjourned. Motion carried.

Mr. Rice declared the meeting adjourned.

Respectfully submitted,

Garnet F. Clarke,  
Secretary-Treasurer.

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

Edward P. Rice

**Distinguished Guests and Fellow Surveyors -**

It is indeed an honour and a privilege for me to accept today the Presidency of this Association which has just been bestowed upon me for the coming year. God willing, I promise you that during this period I will give my best to provide good leadership, and to represent the views of the membership when called upon to do so.

At this point in time we are witnessing rapid changes in all walks of life and especially in the advancement of the sciences. Our Association, like many others, is also caught in the rapid pace of advancement, with changes and high inflation. One person at the helm of an Association, the magnitude of ours, cannot even hope to keep the Association advancing alone. With this in mind, I ask for the support, and assistance from all members of the Association, especially from those who are serving Council where decision and policies are made and from all standing committee members and their chairmen where the work is done.

Over the next twelve months I would like to see more of our younger members become involved with the activities of our Association. At present, in addition to the executive and councillors, we have twenty-eight members involved with the committees, plus another ten who are reporters for The Nova Scotian Surveyor. There is still room for more volunteer workers and so to you, the younger members and also others who wish to become involved, I invite you to look over our organization chart and contact the committee chairman of your preference and get involved.

During my tenure of office, I will strive to continue the work started a year ago with the re-organization of standing committees along the lines of the corporate system. At that time I stated that it would take two to three years before the results of such an organization would be realized. During the past two days you have heard of the goals and objectives these committees have planned for this coming year. I trust that next year this administration, which takes office today will be able to report 1975 projects completed, and provide you with a list of new projects for the following year which will lead us to the goals of where we want to be 10 years from now - these goals being an Association with Survey Standards of a National level or better, providing the best in surveying services to the public while maintaining protection for its members from forces within and outside our Association.

\* \* \* \* \*

## \*\* EXHIBITORS \*\*

TELLUROMETER CANADA..... - Mike I. Mogg

MUNROE CALCULATOR COMPANY..... - Neville Brabrook  
Robert Durnford

ENAMEL AND HEATING PRODUCTS LIMITED..... - Bill Hastings

THE HUGHES-OWENS COMPANY LIMITED..... - Brian Hart

T. J. REYNOLDS MARITIME SALES..... - Anton Huber  
Murdoch Hattie  
Brian Howe

HEWLETT-PACKARD (CANADA) LIMITED..... - Terry Irwin

KEUFFEL & ESSER CANADA LIMITED..... - Hank Wylupski  
Bob Scully

OLIVETTI CANADA LIMITED..... - John G. Tester

NORMAN WADE COMPANY LIMITED..... - King Flood  
Doug Howell  
Tom Marshall  
Hank Noonan  
Steve Gilbert  
Jim Johnson

PERMA ENGINEERING COMPANY LIMITED..... - Neiff Joseph  
Baline Feener

ADDRESSOGRAPH-MULTIGRAPH OF CANADA..... - Stu Carver  
Richard W. Miklos

WILD OF CANADA..... - John Wentzell

WESTWARD INDUSTRIES LIMITED..... - Fred Hanson  
Frank Mosher

\* \* \* \* \*

# COUNCIL OF THE ASSOCIATION

## PRESIDENT & CHAIRMAN OF COUNCIL

-----  
E. P. Rice

### VICE PRESIDENT I. P. MacDonald

#### DISCIPLINE COMMITTEE

I. P. MacDonald  
Chairman  
D. R. Hiltz  
D. E. MacDonald  
R. C. Dearman  
B. L. Cain  
C. J. MacLellan  
V. J. Comeau  
A. E. Wallace

#### SEC. TREAS ADMINISTRATION

G. F. Clarke  
-----  
A. C. Kresmann

#### FINANCIAL COMMITTEE

E. P. Rice  
Chairman

#### BUILDING COMMITTEE

-----  
W. A. Thompson

#### PROTECTION COMMITTEE

-----  
J. S. Pope

#### PROFESSIONAL STATUS

A. P. Chisholm -  
Chairman  
W. S. Chiasson -  
J. F. Thompson -  
J. S. Dunning -  
M. S. Crocker -

#### PRIVATE PRACTISE

C. J. MacLellan -  
Chairman  
J. F. Thompson -  
M. S. Crocker -

#### SALARY REVIEW COMMITTEE

S. E. MacPhee  
Chairman  
M. S. Chiasson  
V. J. Comeau

#### COMMUNICATIONS COMMITTEE

W. S. Servant

#### N.S. SURVEYOR

B. L. Cain -  
Editor  
R. A. Daniels -  
Advertising

#### LIAISON COMMITTEE

D. K. MacDonald -  
Chairman  
S. E. Daykin -  
Secretary  
Errol Hebb  
Murray Banks

#### SURVEY STANDARDS COMMITTEE

Keith Aucoin

#### EDUCATION COMMITTEE

A. E. Wallace -  
Chairman  
G. E. Streb -  
G. F. Clarke -  
S. E. MacPhee

#### REGULATIONS COMMITTEE

D. C. Clark -  
Chairman  
G. E. Hingley -  
W. A. Thompson

#### LEGISLATION COMMITTEE

E. W. Roberts -  
Chairman  
R. A. Dunbreck -  
K. W. Robb -  
M. A. Banks

#### PUBLICITY COMMITTEE

R. C. Dearman -  
Western Area  
M. S. Chiasson -  
Cape Breton Area  
W. C. Rayworth  
Eastern Area

#### COMPLAINTS COMMITTEE

G. F. Clarke -  
Chairman  
D. E. MacDonald -  
D. R. Hiltz

C.S.I.T.N.S.

J. C. MacInnis  
Representing the  
Association



\*\* A MESSAGE FROM THE PRESIDENT \*

At the time of this writing three months have gone by since I have taken office, which leaves only 9 months to accomplish the projects set out for 1975. Although you may have seen little yet, I can assure you that the various committees are hard at work, and you will see something tangible by the end of the year.

In December 1974, a Council Meeting was held with all members present. The minutes of this meeting have been published in The Nova Scotian Surveyor.

In January, I attended the Joint Liaison Committee meeting at the Board Room of the Association of Professional Engineers of Nova Scotia. The main points here are the joint effort being made by the two Associations to approach the Department of Municipal Affairs to expedite the approval of percolation test reports and subdivision plans. The other topic of the meeting was an explanation of the Co-ordinate System to the Engineers by Mr. Murray Banks. Our Liaison Committee is working very well and an important communication link has been established with the Professional Engineers.



Since taking office I have had the opportunity to represent you on three occasions:

At the Nova Scotia Forest Products Association Annual Dinner in Truro, I had the opportunity of meeting many members of our Association and, it was indeed an honour to represent the Land Surveyors with such an illustrious group.

At our sister Association meetings I find that they have similar problems to our own. In Ontario they are attempting to re-structure the Association to admit the Geodetic Surveyors, Topographic Surveyors (Photogrammetrists), Hydrographers. The membership is not too keen on such a move and a secret ballot vote will be taken this summer to determine if this will go through.

In New Brunswick a new By-law was approved for a Surveyor's Creed, which will be taken by new members in the future induction ceremonies. At all three of these meetings I was very well received and it was gratifying to see how well our Association is respected in the other provinces.

Another first for our Association may take place, in the near future, and that is we may have an Executive Manager. Since the Annual Meeting we have run two ads to which we received fifteen applications. This is a big step forward for the Association and it is my hope that we will never have to look back. The volume of work this Association now has can no longer be maintained in a business-like manner with solely voluntary after-supper-help from its members. This eventually will cost the members more, however, it will be well worth it.

The Legislative Committee is now making visits to the Regional Meetings to discuss and explain the proposed new Act. In order to meet the 1976 spring Legislature, it appears that a Special General Meeting will be held in June. Watch for announcements.

Although this is suppose to be a year of recession, I trust that everyone will have a prosperous good year.



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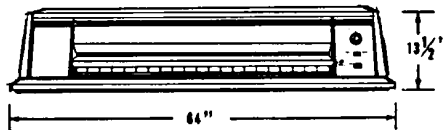
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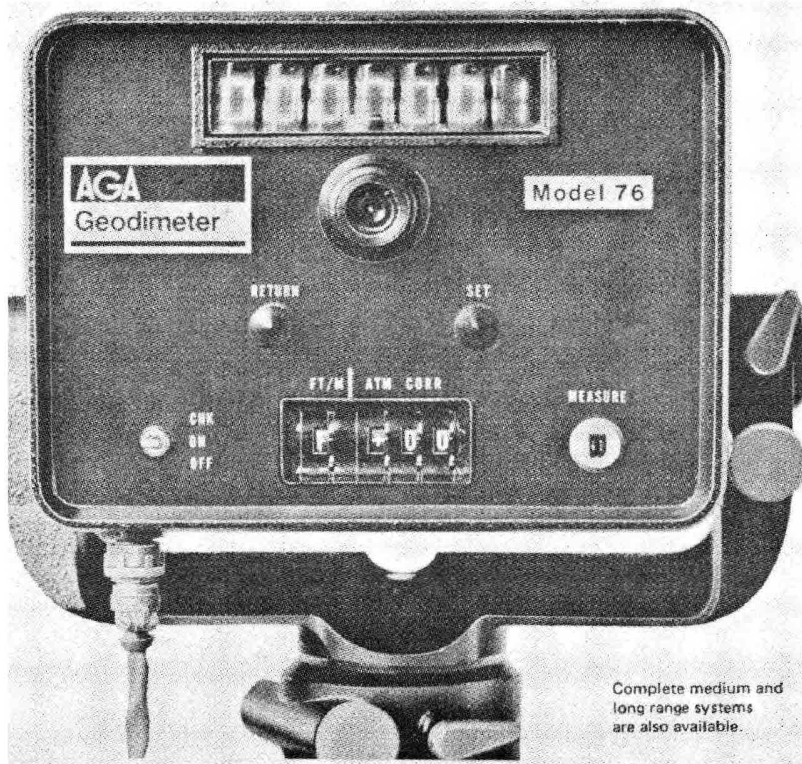
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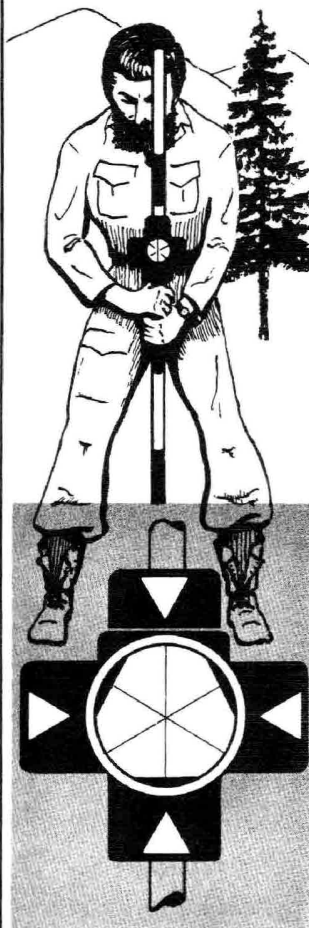
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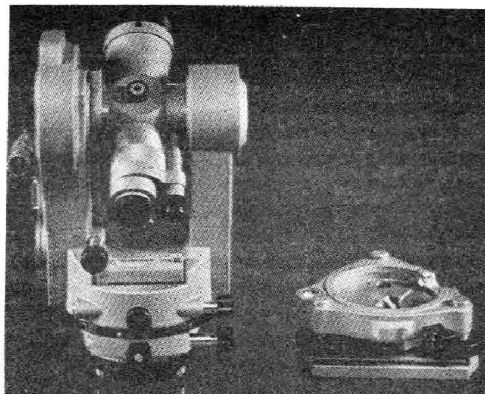
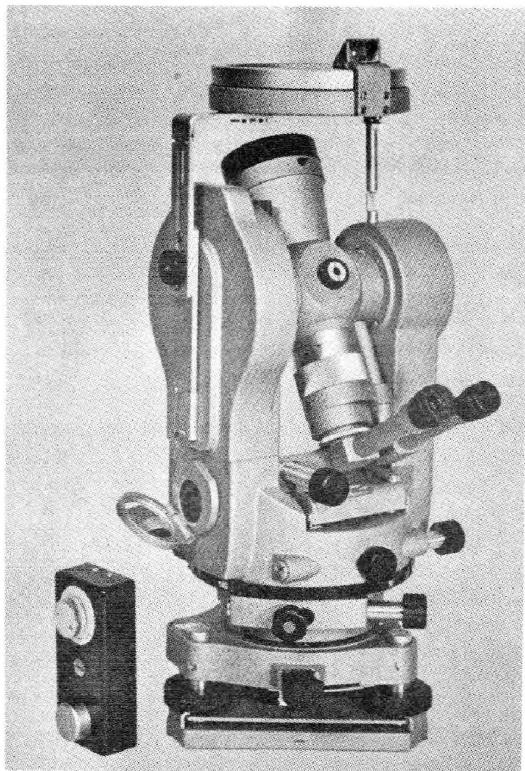
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field of view:	1°20'
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stadia ratio:	1:100
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### HORIZONTAL CIRCLE

diameter:	80 mm	
graduation:	1°	* 1 g
micro scale, 1 div.:	10'	20 c
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graduation:	1°	1 g
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vertical compensating range:	±5'	

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image:	erect
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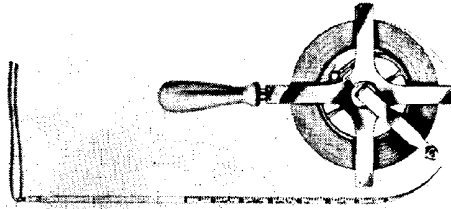
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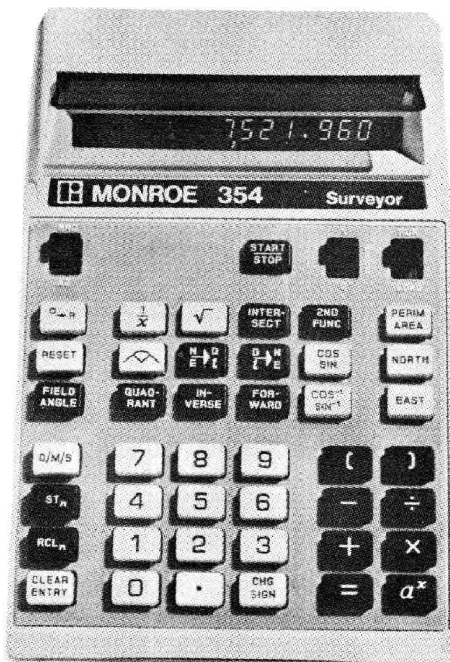


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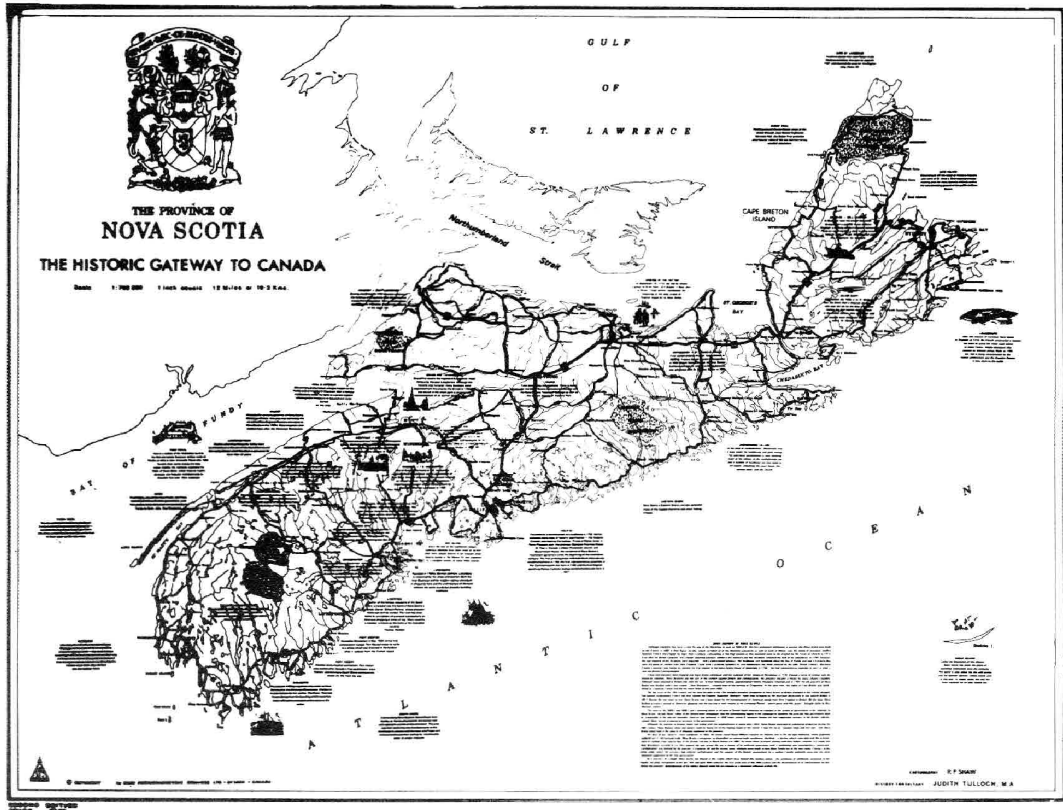
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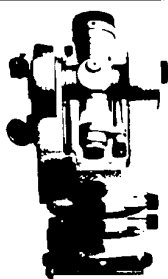
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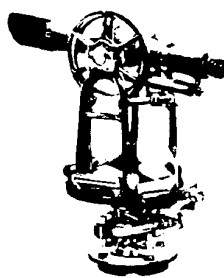
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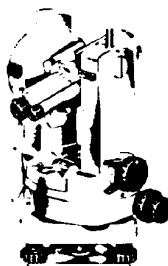
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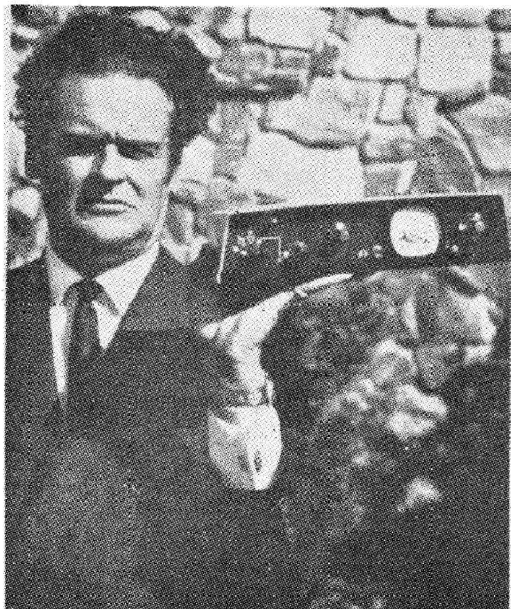
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