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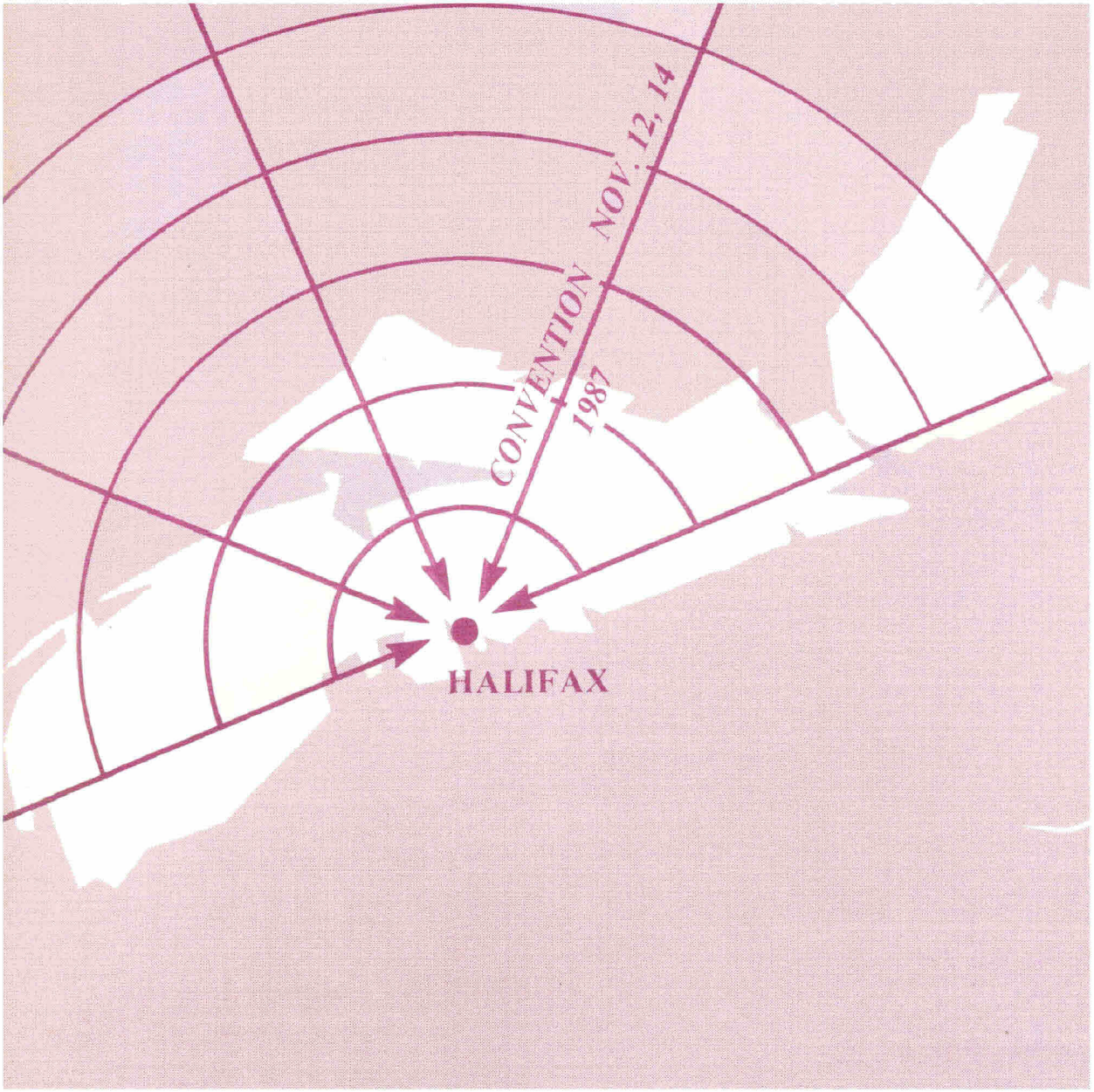

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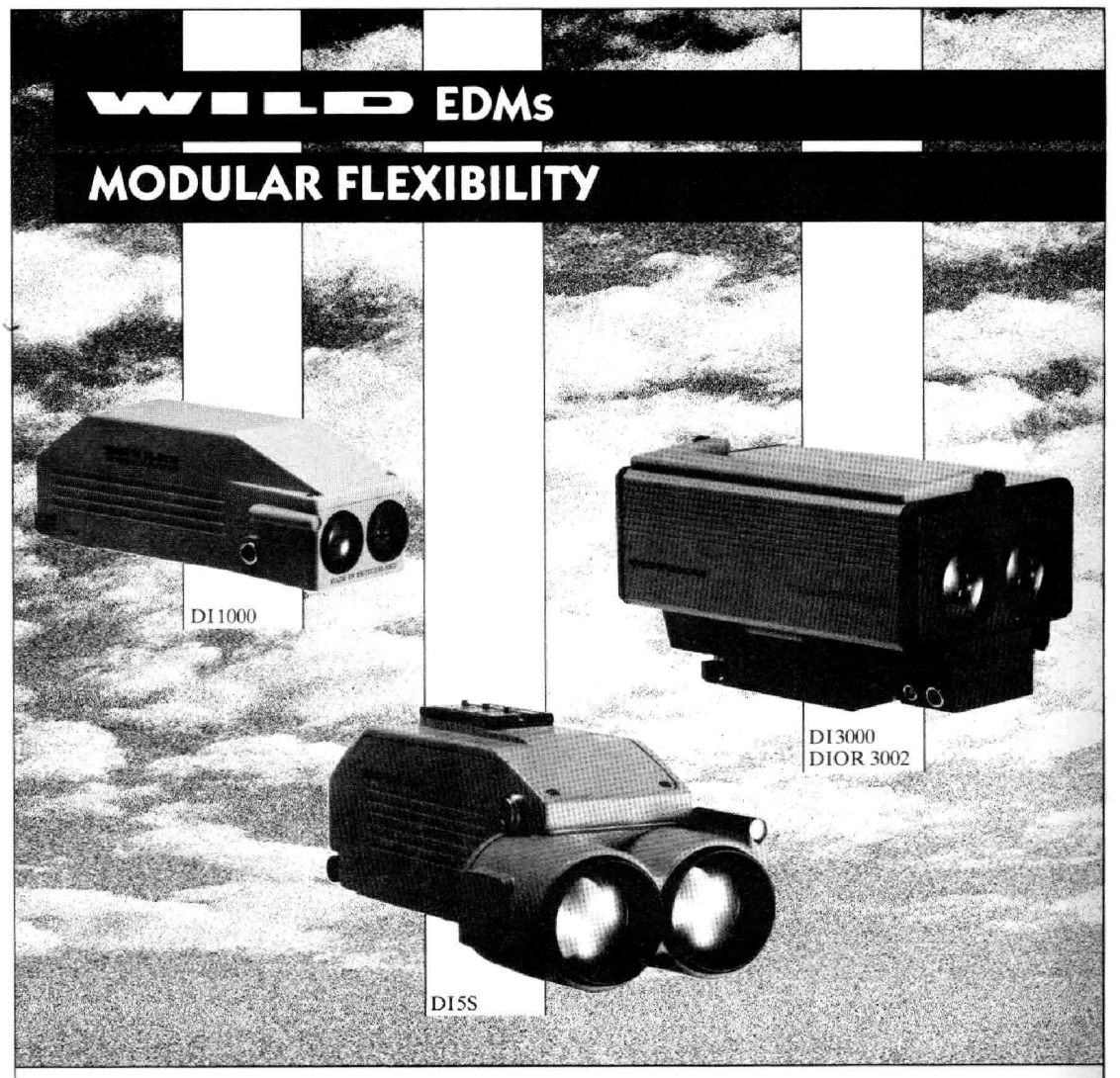

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The NOVA SCOTIAN SURVEYOR

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James D. Gunn
President

David C. Clark
Vice-President

Howard K. Wedlock
Secretary

Address all communications 159 Portland Street, Dartmouth, N.S. B2Y 1H9
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EDITORIAL STAFF OF THE NOVA SCOTIAN SURVEYOR

Editor ..... Dennis A. Jones
ASSOCIATE EDITOR ..... Michael J. Crant
ASSOCIATE EDITOR ..... Marcellin S. Chiasson
LEGAL ..... James F. Doig
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HISTORICAL .....
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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
founded 1951

159 PORTLAND STREET, SUITE 204
DARTMOUTH, NOVA SCOTIA
B2Y 1H9

FILE _____

NOTICE OF ANNUAL MEETING

You are hereby given official notice that the 37th Annual Meeting of the Association of Nova Scotia Land Surveyors will be held at the Chateau Halifax, Halifax, N.S., Beginning Friday, November 13, 1987 at 9:00 a.m.

By Order of Council

Howard K. Wedlock, NSLS
Executive Secretary

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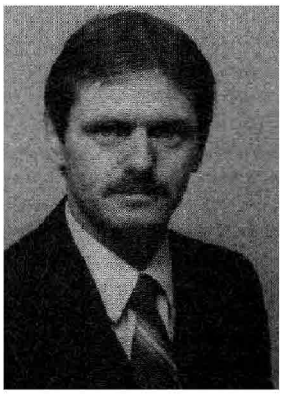

Plans are well under way for the Thirty-seventh annual meeting at the Chateau Halifax on Nov. 12 - 14. Much credit is due to the Convention Chairman Dave Lorimer and his committee for preparing such an enjoyable program.

Over the past couple of years, my wife and I have had the pleasure of representing our association at a number of out of province meetings and the experience and friendships associated with these travels have made us feel welcome within the Canadian and American survey community. You have often heard presidents speak of the rewards of holding office but I believe to be fully understood and appreciated it must first be experienced.

I would like to thank the councillors and committees with whom I have had the pleasure of working with over the past couple of years and I would especially like to thank those members who have assisted me with the decisions of office.

It is with great pride and a little relief that I take my place on the list of distinguished past presidents of this association and yet I will look for other ways to serve this wonderful profession in the years to come.

PRESIDENT'S REPORT

by James D. Gunn, N.S.L.S.
President

The theme I have chosen for this year's Convention is "Investing in Tomorrow". This theme seems rather appropriate in light of the fact that we have for the first time in our history appropriated funds for the sole purpose of long range planning.

As an Association we recognize the need for long range planning. The demands on our profession are changing rapidly and in order to continue to meet the needs of both the public and the industry we must anticipate these needs and broaden our field of expertise sufficiently to accommodate them.

There are many ways that as individuals we can insure that our profession will continue to develop properly. We must of course maintain our traditional level of expertise in the field of Cadastral Surveys by attending Association functions and seminars by joining similar Association's such as C.I.S.M. or A.C.S.M., by reading and researching survey publications, by interaction with other surveyors, or by pursuing other degrees in levels of education.

Of course these are all things that come natural to us as land surveyors,but what about those new demands (or opportunities as I like to call them) that don't come as natural to us. What are we going to do to insure that no one else will develop a higher level of expertise and move in on one of our boundaries.

Are we keeping abreast of the rapidly changing planning regulations so as to be available to our clients and for advice and protection. Are we quick to volunteer our expertise to the planning authorities in administering these new rules or will they introduce a new breed of technicians to make the necessary measurements for us. Are we developing our credentials to best utilize Local Positioning Systems (GPS) and Digital Mapping Technology or do we choose to ignor these innovations and allow other professions to administer to us.

These changes should not appear as obsticles but rather as exciting new opportunities. Rest assured the future of our profession will depend on how each of us perceives these challenges. The general direction that our Association will take will be a reflection of the direction that we as individual members choose for ourselves.

I have often spoken of the surveyor as (the key resource person) in the land management team. This should continue to be our goal and as we reflect on this year's convention theme we quickly realize that "Investing in Tomorrow" is simply a matter of investing in oneself today.

* * * * *

It is being recognized increasingly across Canada that professional associations must act to enforce ethical and professional standards on their members in order that the public may be served and protected. It is becoming apparent that our Association must assume the responsibility for enforcing the Regulations under the Nova Scotia Land Surveyors Act concerning survey standards. It is my intention during the coming year to work toward the development of a professional services review body within the Association which will have the power to examine, advise and report on the professional services provided by Nova Scotia Land Surveyors.

Deanna and I were fortunate last February to represent President Jim and Sharon Gunn as Nova Scotia representatives at the 95th Annual Meeting of the Association of Ontario Land Surveyors. It was a pleasure to attend this convention, and it also provided me the opportunity to be introduced to the workings of the recently established OLS Survey Review Department.

The purpose of the OLS Survey Review Dept. is to check survey plans, which have been referred from various government departments, that appear to represent substandard survey work, and also to regularly review plans prepared by all survey firms in the province on a rotating basis. The mandate of the Survey Review Dept. is not only to review plans, but also to do random comprehensive reviews of survey field work, field notes, research, filing systems and communications with clients. Since these comprehensive reviews of firms are intended to be educational, they are detailed, and helpful in their advice. The Dept. is composed of two full-time Ontario Land Surveyors and support staff, and is financed by a levy, or fee, of $15. on every plan submitted to a Registry office.

During the past decade, much progress has been achieved here in Nova Scotia in raising the professional status of the Land Surveyor and the standard of services he provides. Most of us are now familiar with our Act and Regulations and through education and experience have learned to comply with all the requirements. I feel it is a natural and timely evolution in the development of the Association to take on the responsibility of educating all members to persevere in the persuit of the high standards we have, and will continue to develop.

For too long, I believe, we have each tended to go our own separate ways, content in our independence. We still want to hang on to the same methods, work with the old, familiar equipment, and produce our services in the same format. Times have changed however; clients want different services, we are working closer together, and we are dealing more closely with the public. We are more and more exposed to client scrutiny so we must ensure that all our work is of the highest quality. We must develop our communication skills to improve our professional image, and we must be conscious of how our actions and our professional services portray us to the public.

At a recent meeting that I attended, statements were made that "the Association is a wimp", "the land surveyor will go the way of the dinosaur when land information systems do most of the work he now does", "members see problems that are not being resolved", and "the Association must get its act together". I did not try to argue or contradict any of this at the time, but on more serious consideration since, I feel some comment is necessary.

Firstly, this Association, with the exception of the part-time paid secretary, operates strictly on the volunteer efforts of Council,committees, and individual members. All projects in the past have been initiated and carried out by members working in their spare time. Much has been accomplished over the years by many dedicated members. Yes, there is much yet that can be done, but it still requires the time and volunteer efforts of interested members. Therefore, I urge you, please, if you have concerns in a certain area, or if you have ideas that you think will benefit the Association, speak or write to your Councillor,a committee chairman, or to me with your offer of services. Council is there to serve, but it needs input from the membership.

Secondly, I have heard concerns expressed on the growth of groups of private practice members which do not come under the wing of the Association. Personally, the existence of these groups does not bother me and I am pleased if they can address the problems of their members who are in business for themselves. My concern is that these members may feel that they are not being adequately served by the Association. Our Association represents all licensed land surveyors, but Nova Scotia is peculiar in the sense that the private practise members comprise only a third of the total membership, with the other two-thirds working for government, industry, and in a diversity of other occupations. Therefore, we must work for the one thing that we all have in common, the advancement of the best interests of the land surveying profession.

In closing, may I reiterate the need of the Association for your help - get involved - find out what is going on - attend your zone meetings - make suggestions - volunteer to work on a committee - run for office, or at least vote - and please make an effort to attend the Annual Meeting at the Chateau Halifax, November 12 to 14, 1987.

David C. Clark, NSLS
Vice President

* * * * *

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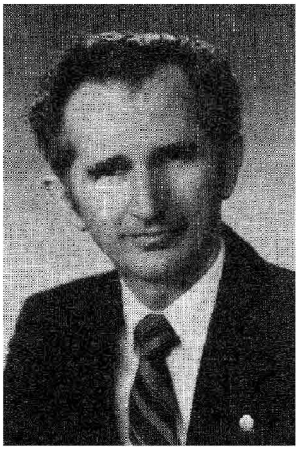

DAVID C. CLARK, NSLS, RLS (Maine), was born in Middleton, Annapolis County in 1938, but lived his early years and attended school in Tatamagouche, graduating in 1957. Dave began studying Engineering at UNB, but switched to the Nova Scotia Land Survey Institute from which he graduated with a Diploma in Land Surveying in 1962. He received his Provincial Land Surveyors license in 1963 and became licensed as a Registered Land Surveyor in the State of Maine in 1972.

In the years between high school and 1964, Dave worked on surveying projects with the Gatineau Power Company in western Quebec and Ottawa, with the N.S. Dept. of Highways in northern Nova Scotia, with the Canadian Hydrographic Service on the south coast of Newfoundland, and with the N.S. Crown Land Survey in the northern Cape Breton and Antigonish areas. He left private practice in northern Nova Scotia in 1964, for employment in construction with Canada Cement Lafarge Ltd., and has since served in various supervisory capacities to his present position as Quarry Manager at the Brookfield Plant.

Dave has previously served two terms as Councillor for Northern Nova Scotia and for six years was the first chairman of the Survey Standards Committee which prepared the original drafts of the survey standards portion of our present Regulations. During 1974, he was a corresponding member of the Professional Conduct Committee of the Maine Society of Land Surveyors. He is presently chairman of the ANSLS/COGS Liaison Committee and Vice President of the Association.

Besides the Association of Nova Scotia Land Surveyors, Dave is a member of the Canadian Institute of Surveying and Mapping, a Fellow Member of the American Congress on Surveying and Mapping, a member of the Canadian Institute of Mining and Metallurgy, a member of the N.S. Mining Society and a member of the Maine Society of Land Surveyors. He is a member of the Truro and District Chamber of Commerce, the Auxiliary of the First Baptist Girls' Choir of Truro, and St. Andrew's United Church of Truro.

Dave's interests are prospecting, down hill skiing, photography and travel. He likes to read good science fiction. He is a former Nova Scotia Guide, holds Nova Scotia 1st Class Blaster's License, and is a Commissioner of Oaths of the Supreme Court of Nova Scotia.

Dave and Deanna have two children - Anne, in Grade 10 at Cobequid Education Center, and Jonathan, in second year Engineering at Mount Allison University.

Included in Dave's objectives for his term as Association President will be to evaluate and work toward the advancement of the economic and professional status of the land surveyor in this province; to promote the development of the long range planning process so as to forecast the directions that the Association must move to fulfill the needs of future land surveyors; to take a more aggressive stance toward expanding the profession to include areas of expertise not now included in the Act's definition of professional land surveying; and, to encourage the membership to become actively involved in personal continuing education programs in order to meet the challenges of the future.

FOR COUNCILLOR

ZONE 2

DERIK R. DEWOLFE, N.S.L.S. Derik was born in Annapolis Royal, Nova Scotia. He graduated from Middleton Regional High School in 1979, and from the N.S.L.S.I. in 1981 with a diploma in Land Surveying.

Derik articled under H. Kirk Hicks, and was commissioned as a Nova Scotia Land Surveyor in 1984.

He is presently employed with H. Kirk Hicks, Berwick, N.S. His past work experience has been in legal surveying; an employee with D.S. Thorne & Associates, Yarmouth; and with H. Kirk Hicks, Berwick, N.S.

Derik presently resides in Middleton, Anna. Co., N.S.

* * * * *

MURRAY J. BANKS, N.S.L.S., C.L.S., graduated from the Nova Scotia Land Survey Institute in 1961 and received his Nova Scotia Land Surveyors Commission in 1964. He obtained his commission as a Canada Lands Surveyor in 1981.

Since 1970, Murray has served a total of seven years as a member of the Council, two of which he is just completing this year as a Zone 6 Representative. He served as President during the 1977-78 Association year. He is also a past chairman of the Nova Scotia Branch of the Canadian Institute of Surveying and Mapping.

Murray has been a member of the Statutes Committee (except for his term as President) since 1973. He has served on other Committees of the Association such as By-Laws, Expanded Profession, Discipline, Code of Ethics, and Surveyor-Engineer Liaison. He also served as a member of the Board of Examiners for two years.

The first ten years of Murray's surveying career were confined to the private sector in Newfoundland, Alberta, Quebec, and Nova Scotia. He joined the Surveys Division of the Nova Scotia Department of Lands and Forests in 1971 and currently holds the position of Assistant Director of Surveys.

Murray, his wife Joyce, and their two daughters have resided in the City of Dartmouth for the past eighteen years.

RE-APPOINTMENT

RICHARD E. GREENE, N.S.L.S., # 387 has been re-appointed Zone 3 Councillor for a second two year term effective November 1987 as a result of the September '87 Zone 3 Meeting.

Better known as "DICK", he has only become involved directly with Association affairs since taking over as Councillor for Zone 3 in September of '86.

DICK has two years University Education towards an Engineering Degree; is a Graduate of NSLSI 1970; Commissioned NSLS in 1972; operated RICHARD E. GREENE SURVEYS full time September 1973 to September 1981; is presently employed with the N.S. Department of Transportation in Truro, N.S.

Dick's family of wife Jill and their two sons Troy and Chad reside at 39 Scenic Drive, Bible Hill, Col. Co., N.S.

* * * * *

FOR COUNCILLOR

ZONE 5

DENNIS A. JONES, NSLS. Dennis was born in Sydney on July 3, 1950 and was educated in Cape Breton until it was time for him to pursue his career in surveying.

Three years at the survey school in Lawrencetown gave Dennis both diplomas in Photogrammetry and Surveying. Licensed as a Nova Scotia Land Surveyor in 1974 he had served his apprenticeship with the firm of "Servant, Dunbrack, McKenzie and MacDonald Ltd."

Moving from Halifax, Dennis spent two years back in the Annapolis Valley and then went to the province of Alberta in pursuit of his career. Returning to Nova Scotia in 1978, Dennis joined the Land Registration and Information Service and, with the exception of a short time with the Municipality of the County of Cape Breton, has remained with that survey oriented agency.

Dennis is presently the Regional Manager of the Cape Breton Regional Office of the Land Registration and Information Service, married with two children, Jennifer age 8 and Paul age 13; lives in Howie Centre near Sydney with his lovely wife, Pat and daughter Jennifer.

The Association of Nova Scotia Land Surveyors has been served by Dennis in Committee work (Salary Review, Booklet, Survey Standards) and he presently holds the position as "editor" of the "Nova Scotia Surveyor".

Dennis also belongs to the Canadian Institute of Surveying, the American Congress on Surveying & Mapping, the Community Planning Association of Canada, and the Canadian Geophysical Union and the Riverview Y's Men.

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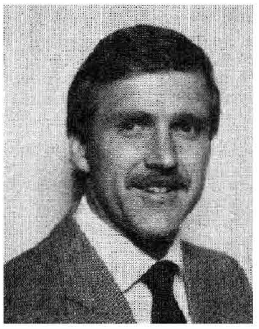
FOR COUNCILLOR

ZONE 5



M. GEOFFREY VERNER, NSLS. Geoffrey was born in Sydney, N.S., on June 22, 1957. He is a 1975 graduate of Riverview High School, and prior to enrolling in 1977 at the Nova Scotia Land Survey Institute at Lawrencetown, N.S., he worked with Verner Surveys Limited as Survey Assistant.

Following graduation in 1979, Geoffrey articled with Verner Surveys Limited for the prerequisite period, subsequently writing and receiving his commission as a Nova Scotia Land Surveyor in 1983.

Since the incorporation of the Company in 1978, he has been a shareholder and one of the Directors of the Company.

He has served within the Association on the Location Certificate Review Committee, and the 1986 Convention Committee in Sydney.

Geoffrey and his wife, Sandra, presently reside at 20 Green Acres Drive, Sydney River, N.S.

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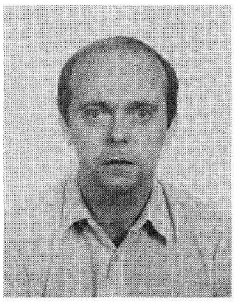
FOR COUNCILLOR

ZONE 6



DAVID F. LORIMER was born in New Glasgow, N. S. and was raised in Stellarton and Riverton, N.S. He attended schools in Stellarton and at West Pictou District High, graduating in 1972. His first job was with L.J. Casavechia Contracting Ltd. where he was a construction rodman, laborer and stock room clerk. He attended N.S.L.S.I. in 1974 and received his survey diploma in 1976. Upon graduating he received employment with Servant, Dunbrack, McKenzie, and MacDonald Ltd. and began his articles with Douglas K. MacDonald, N.S.L.S. He left temporarily in 1978 to work at such jobs as construction surveyor for Rocca Construction, seismic surveyor in northern Alberta and British Columbia for Gilks Surveys Ltd. and a construction surveyor on an earthwork project in the Burnside Industrial Park. He returned to S.D.M. & M. Ltd. in June, 1980 and received his license in November 1980. He became employed with the City of Halifax on January 1982 and is still there today. He served on the 1983 and 1984 convention committees and is chairman of this year's convention committee. David is single and is currently enjoying (?) renovating an old house in central Halifax.

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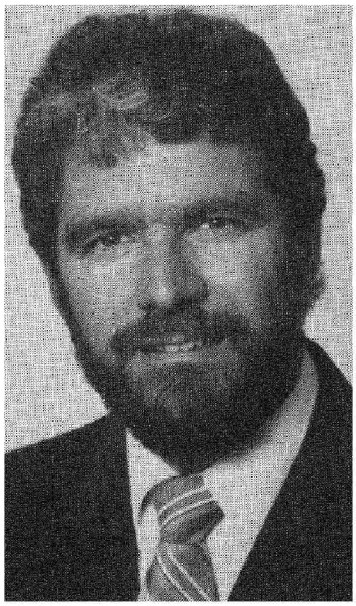
FOR COUNCILLOR

ZONE 6



DAVID A. STEEVES, NSLS, CLS, P.ENG., graduated from the University of New Brunswick in 1973 with a Bachelor of Science in Surveying Engineering. He received his Commission as a Manitoba Land Surveyor in 1975, a Canada Lands Surveyor in 1981, and a Nova Scotia Land Surveyor in 1985.

David was employed by Surveys and Mapping Branch in Winnipeg, Manitoba for seven years before returning to the Maritimes. He worked for C.J. MacLellan and Associates and Fentronics--NSI Ltd. before joining the Eastcan Group in 1984,where he is presently employed.

He has been a member of the Public Relations Committee of the Association and is a past chairman of the Halifax Branch of the Canadian Institute of Surveying and Mapping.

David, his wife Janice, and their three sons live in the City of Dartmouth.

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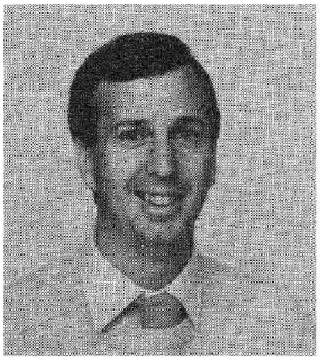
FOR COUNCILLOR

ZONE 6



KEN WHALEN, NSLS. Ken has been with Thompson & Purcell Surveying since 1974 and went to N.S.L.S.I. in 1978/80. He obtained his certificate in June of 1985.

Ken lives in Spryfield with his wife Susan and their three children.

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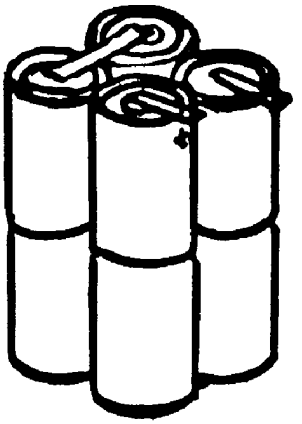

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EXECUTIVE SECRETARY REPORT

By Howard K. Wedlock, NSLS

Membership for the fiscal year 1986-87 dropped from 333 to 324 in the active category, two new members were admitted and our numerical roll is now up to number 597.

Students registered with our Association now number twenty-four, eleven have their Atlantic Board Certificate and are presently completing the required article time. Two candidates are working on assigned retracement surveys.

A total of six in the Honorary membership category shows no change from the previous year. The Life membership category has increased from 16 to 18 in the past year. The Retired category has increased in the past year from 6 to 9 (transferred from active category). The Associate category has increased from 7 to 8 in the past year. The Non-Practicing category has decreased from 15 to 12 in the past year. Resignations total 4 as follows: C. Bonnell, F. McKeown, A. Downie, and A. Harris. Membership deaths: H. Martell and Spencer Ball. Total membership of all classes including students has now reached the 401 mark.

Many complaints were handled by telephone, dealing with poor communication between client and surveyor and also dealing with surveyors rights to cross on private lands; others of a more serious nature were forwarded to the Complaints Committee.

A card index system including a file resumé in both alphabetical and numerical format was completed this year listing former and present members.

A great deal of both time and money was spent this year involving the legal profession. Cases included charges against one of our members by A.P.E.N.S., charges by one of our members and a student against the Association and Board of Examiners, complaint cases and the completion of our Regulations and By-laws made up matters which required legal opinion and action.

Meetings attended this year included Executive Council, Board of Examiners, C.C.L.S. & C.I.S.M. Annual Meetings, solicitors and Zone 6 Meetings, Survey Profession Committee Meetings.

Councillors were assisted in meeting arrangements and notices for all Zone meetings were sent out from this office.

Collecting data for our quarterly publication has become another office task. We are endeavoring to obtain new material for our publication and would appreciate contributions from members.

It would appear that the proposed forms included in the By-law package will further streamline office procedures and we look forward to their approval at the annual meeting this year.

Again I wish to thank members for their kind of contributions of missing publications in this office, our library is now complete with the exception of Number 37, Fall of 1963.

I wish to thank members of the Executive, Council, and Board of Examiners for their cooperation in assisting Murna MacKinnon and myself in the operation of the Association office.

October 1, 1987

Howard K. Wedlock, NSLS
Executive Secretary

ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS

FINANCIAL REPORT

by Howard K. Wedlock, Treasurer

STATEMENT OF RECEIPTS AND DISBURSEMENTS AND BUDGET

FISCAL YEAR ENDED 30 SEPTEMBER 1987 AND BUDGET 87/88

RECEIPTS		BUDGET 86/87	ACTUAL 86/87	BUDGET 87/88
301	Membership Fees	$ 95 000	$ 93 289.00	$ 92 000
302	Nova Scotian Surveyor	2 000	2 112.00	2 500
311	Exam Fees, etc.	100	100.00	100
340	Interst Income	4 000	5 211.58	3 000
350	Miscellaneous Income	300	380.47	300
373	Continuing Education	2 500	1 425.00	2 500
374	Sale of Case Reports	100	75.00	100
315	Convention Receipts	13 000	11 861.00	13 000
356	N.S.L.S. Manual	100	160.00	200
370	Cert. of Authorization	100	270.00	300
		$114 200	$114 884.05	$114 000
	Excess in expenditures over income from reserve acct.			12 955
				$126 955

DISBURSEMENTS				
417/231/221	Worker's Comp./UIC/CPP	700	610.11	600
401	Executive Expenses	7 500	8 519.40	8 500
402	Discipline Committee	1 500	-	1 000
403	Board of Examiners	500	8 383.02	500
404	Complaints Committee	1 500	559.82	1 500
411	Council Meetings	4 000	1 935.01	2 000
412	Zone Meetings	500	868.74	900
415	General Meetings	16 300	14 537.24	16 000
416	Salary, MMK	10 900	10 899.96	11 445
421	Salary, HKW	22 500	22 500.00	22 900
422	Postage	4 500	3 432.28	5 000
423	Office Equip./Main.	500	289.03	2 000
424	Office Supplies	2 000	1 611.63	1 500
425	Office Rent & Taxes	4 600	4 217.99	4 800
426	Printing of the Roll	500	522.37	500
431	Steno Services	50	-	50
432	Audit	660	660.00	660
436	Telephone	2 250	1 743.18	2 000
441	CCLS & Other Grants	7 300	6 593.50	7 500
445	Miscellaneous Expenses	500	680.94	500
455	Survey Standards	2 600	769.05	2 500
456	N.S.L.S. Manual	50	83.06	100
462	Public Relations	2 500	4 060.69	3 500
463	Regulations Committee	2 000	656.08	1 000
465	Legal	2 900	4 634.55	5 000
471	Nova Scotian Surveyor	6 500	7 790.62	8 800
472	Liaison Sur/Tec.	500	714.59	500
472E	Survey Profession	-	1 375.92	6 000
473	Continuing Education	2 500	991.36	2 500
481	Statutes & By-Laws	4 690	11 022.81	6 000
482	Bonding	200	200.00	200
503	Atlantic Bd. of Ex.	1 000	644.00	1 000
		$114 200	$121 506.95	$126 955

STATEMENT OF FINANCIAL POSITION

SEPTEMBER 30, 1987

ASSETS	30 SEPT 1987	30 SEPT 1986
Bank	$ 54 451.82	$71 687.79
Debentures	2 969.55	2 969.55
	$ 57 421.37	$74 657.34
LIABILITIES AND NET WORTH		
Pre-paid Membership Dues	$ 5 225.00	$17 377.39
Net Worth	52 196.37	57 279.95
	$ 57 421.37	$74 657.34

Decrease in Net Worth - $6 379.38

E.A. Balcom, Accountant

* * * * *

8 Cherry Drive
Dartmouth, N.S.
B3A 2Z2

September 30, 1987

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

I have reviewed and examined your Secretary Treasurer's Statement of the Financial Position as of September 30, 1987, and the related Statement of Receipts and Disbursements for the year then ended. My examination was made in accordance with generally accepted auditing standards and accordingly included such test of the accounting records and such other auditing procedures as I considered necessary in the circumstances.

In my opinion, the accompanying Statement of the Financial Position and the Statement of Receipts and Disbursements, present fairly the financial position of the Association at September 30, 1987 and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied, after giving retroactive effect to the change in the method of recording pre-paid membership dues as described in the following paragraph, on a basis consistent with the preceding year.

In previous years Pre-paid Membership Dues received prior to September 30 were held in abeyance and not recorded in the accounts until after September 30. Recording these Pre-paid Dues as received reflects more accurately the financial position of the Association as of September 30, 1987 and also restates the September 30, 1986 position for comparative purposes.

E.A. Balcom, Accountant

EAB/mmk

REPORT TO A.N.S.L.S. FROM C.O.G.S.

by Dr. David F. Woolnough

At the end of academic year 1986-87, Survey Department graduated 22 in Survey Diploma,18 in Survey Office Technician,and 6 in Survey Assistant. With an abundance of job offers to choose from, coming from as far away as New England and Ontario, many students were again in the fortunate position of being able to choose their employer. 14 students chose to go on to the University of New Brunswick to further their studies, although we believe that less than 50% of them will successfully complete this course, and were actually advised to seek employment instead. Average starting salaries range from $17,000 in SOT to $22,000 in Diploma, with some as high as $27,000.

Enrollment in September 1987 gives us more in first year of the Diploma course than last year's record class, and both SOT and Survey Assistant are full as well.

The first meeting of the ANSLS - COGS liaison committee took place in September 1987, and it is hoped that future meetings of this committee will result in benefits to both parties--COGS actively seeks input into its courses from members of the Association.

* * * * *

COMPLAINTS COMMITTEE REPORT

by John D. Conn

The Complaints Committee consisted of five members over the last year, W. Bruce MacDonald, Robert A. Daniels, John C. MacInnis, David R. Hiltz, and John D. Conn (Chairman).

There were twelve complaints being dealt with at the beginning of the year and to date there have been three new complaints. Of the fifteen complaints investigated by the Committee, five have been closed, three are in the process of being sent to the Discipline Committee and seven are still being considered. The most common complaint from the public was disagreement with the position of boundary lines as established by a surveyor. The Committee found these complaints the most difficult to deal with as the land owners would come to the Association expecting a decision as to which boundary is correct. Other complaints fell into the categories of long delays in completing surveys and the high costs for surveys.

After the revisions to our Act, the Committee had some considerable difficulty adjusting to the procedure to be used for sending complaints to the Discipline Committee. After a meeting with the Statutes Committee, the Complaints Committee, and James Gregg the channels these procedures must follow are now fully understood.

On May 28th I attended the Nova Scotia Inter-Professional Disciplinary Conference with Douglas K. MacDonald representing the Discipline Committee and Howard Wedlock representing the Association. Many of the Professional Disciplines in Nova Scotia were represented and the workshops, discussions and lectures gave a valuable insight to the problems encountered when self-governing professions receive complaints from the public and attempt to discipline their members. It was interesting to note that many of the professions had the same number of complaints and used the same amount of time to process them.

I would like to thank the members of the Committee for their dedication and for their many hours of service and also to Howard Wedlock, who by his skillful handling of would be complaints at the Association office, allows the Committee to keep to the more serious matters at hand.

* * * * *

ANSLS / COGS LIAISON COMMITTEE

by David C. Clark, Chairman

At the June 6, 1987, meeting in Baddeck, Council unanimously approved the formation of a joint Association of Nova Scotia Land Surveyors / College of Geographic Sciences Liaison Committee. Concerns had been expressed in several quarters that the Association and the College had been growing apart for several years and Council felt that a committee should be set up to reestablish communication in areas of common interest in order to foster the goals of both bodies.

The committee was organized over the summer with Doug MacDonald, John Pope and Dave Clark representing the Association and David Woolnough, Phil Milo and David Wedlock representing the College. It was felt that the committee should get together twice each year under the chairmanship of the Vice President of the Association.

The first meeting of the committee was held Sept. 24, 1987, in Dartmouth, with all members present. Since this was the initial meeting, the discussions were largely philosophical in nature, with several issues and concerns discussed and felt worthy of further consideration.

1) Members from COGS expressed their willingness to give Continuing Education courses for practising land surveyors. Since the College has the facilities, the expertise and the equipment to put on these seminars, it was mutually agreed that the Association should take advantage of the offer.

2) Some time was spent discussing the future role of the land surveyor when land information systems spit out information that the surveyor now provides. It was felt that the Association must plan its future direction and tell the educational institutions how Surveyors should be trained to fill their future roles.

3) It was agreed that COGS would make available a prospectus of the content of its courses for information of land surveyors who may from time to time attend high school career days or otherwise advise prospective surveying candidates.

4) Members from COGS expressed their concerns in the area of student job placement with practising land surveyors. Members from the Association expressed their views on the attitude and training of job applicants they wish to hire. This subject was discussed in some detail and will be on the agenda for future meetings.

5) The COGS members indicated their desire to establish a TRIG-STAR program for high school students. This would require the sponsorship of individual practising land surveyors and will be on the agenda for further discussion at the next meeting.

It is expected that another meeting of the committee will be arranged after the recommendations of the Long Range Planning Committee become known.

* * * * *

DISCIPLINE COMMITTEE

by Art White, Chairman

During the period since the last annual report, there has not been a need for the Committee to convene. Such inactivity on the part of the Committee not only results in an extremely brief annual report but also seems to reflect the professional manner in which land surveyors are carrying out their responsibilities across the Province.

The Committee remains unchanged and includes Wayne Hardy (Secretary), Doug MacDonald (Vice Chairman), Errol Hebb, John Covert, Walter Rayworth, and the chairman, Art White.

* * * * *

LAND SURVEYORS - BARRISTERS LIAISON COMMITTEE

by Marcellin S. Chiasson

Our Committee did not meet this year. It would appear that many of our past concerns with the Barristers Society have been ironed out and therefore it appears that liaison with the Barristers Society is being addressed by other means.

Should Council wish to re-activate this Committee, I feel it would be better to seek a new chairman although I would be willing to assist in any way I could.

* * * * *

SURVEY STANDARDS COMMITTEE

by E.J. (Ted) Webber

This report covers the period from October 1, 1986 to September 30, 1987.

As a result of plan examinations and finding continued deficiencies, two reports were made to Council with a request for further direction.

During the past year two plans were received from concerned members of the Association with the request that the plans be reviewed.

As of the date of this report, no field checks have been carried out.

I wish to thank Tom Foster, John Covert, Grant McBurney, Dennis Jones and Ken Cormier for having volunteered to serve on the committee.

* * * * *

PUBLIC RELATIONS COMMITTEE

by Donald L. Parker

The Public Relations Committee is one of the few committees of the Association whose sole purpose is to act as liaison between the members and the general public. In the past year the Committee has endeavoured to inform the public of the functions of land surveyors through attendance at "Home Shows". This has provided an opportunity to meet people who are either presently involved in purchasing or building a home or intend to do so in the near future. By being present at the Home Shows we have been able to meet a high proportion of the general public who would likely be in the need of the services of a land surveyor and are thus available to answer their questions. As this method of meeting the public is still in the evolution stage there are still some procedures and techniques to be worked out but the information booths are being well received by the public.

The first Home Show the committee participated in this year was at Exhibition Park, Prospect Road, Halifax County on April 2nd to 5th, 1987. This was our first opportunity to use the "Instand" display unit purchased as a backdrop and display unit for plans and brochures. This is an easily assembled and professional looking unit which can be set up in minutes but is compact and easily shipped throughout the Province as needed. The booth was staffed with members of the Halifax office of L.R.I.S. in conjunction with volunteers from the Association. This format was found to be extremely effective since the public could use the L.R.I.S. microfilm to locate their property and then ask the land surveyor in attendance any questions they might have pertaining to their land.

The second Home Show was at the Aberdeen Mall in New Glasgow on May 7th to 9th. Ritchie MacInnis very kindly offered to coordinate land surveyors in the area to staff the booth. Although attendance was lower, there was considerable interest expressed.

The third opportunity to meet the public was at the Cape Breton Resource Exhibition held at Baddeck on July 2nd to 4th with Athol Grant assisting with coordination.

Although the year was successful the Committee feels that there is a need for: artwork for the backdrop, a written set of guidelines and procedures for the volunteers who staff the booth and more brochures for distribution to the public if the concept is to be continued. A second project worth consideration is a model lot built along the lines of that done be L'Ordre des Arpenteurs du Quebec and shown in the summer 1986 issue of Terravue. This would provide a graphic representation of potential problems to land and serve as a topic of conversation to help draw people into the booth.

In closing I would like to express my thanks to all the members of the Association who gave so freely of their time to help staff the booth at the various Home Shows and to Ron Dunn, Fred Hutchinson and Dave Steeves for serving on the Committee.

* * * * *

REPORT OF REGULATIONS COMMITTEE - 1987

K. AUCOIN - CHAIRMAN

The revised Regulations were sent to the Deputy Minister of Lands and Forests in mid September with a request for Governor in Council approval. There is no indication at this date of just when the regulations may go forward for approval but the committee will endeavor to work closely with the Minister of Lands and Forests to ensure that unnecessary delays do not occur.

Several changes of a minor nature were made to the regulations package as a result of the revisions to the Act during the spring setting of the Provincial Legislature. In addition, Part III Admission to Membership, was not included in the submission because further changes will be required to this part as a result of the recent court case, Ashley & Crews VS Association of N.S.L.S. et al. The existing regulations pertaining to Admission to Membership will stay in place until revised regulations are developed.

The Committee's main thrust for the year was to review the regulation package for conformity after the revisions to the Act were passed and the court decision handed down.

The committee membership was the same as for the three previous years: Jim Doig, Norval Higgins, Cyril Carlin and Keith AuCoin.

BY-LAWS COMMITTEE

by James F. Doig

During our committee's deliberations it became clear that new By-laws should be produced in two stages and over a period of two years.

STAGE I. The package developed to date (Draft #5) which addresses matters contained in the existing By-laws by correcting deficiencies, providing more precise wording, and bringing procedures into conformity with our ACT.

STAGE II. A further package to be developed during calendar year 1988 which will reflect matters not previously dealt with but which need attention.

Given the current study on future policies of the Association, it would be premature to address most of the STAGE II items until the results of this study are known to Council and to the By-laws Committee. There is also the very real matter of how much a committee can accomplish in a year.

STAGE II items generally relate to:

a. management of the property of the Association;

b. borrowing money on the credit of the Association;

c. use of funds of the Association;

d. establishment of prizes and bursaries;

e. the keeping of records by the Association, Council and Board;

f. services to members in developing professional practice;

g. prescribing the duties of the Secretary;

h. prescribing the duties of the Treasurer;

j. designating a place in the Province as the head office of the Association;

k. appeal procedures from the decisions of Council, Board, Complaints and Discipline Committees; and

l. such other matters as may be considered necessary by Council.

The budget for the By-laws Committee for 1988 should be the same as monies expended in 1987 and under the same categories.

* * * * *

REGISTERED LAND SURVEYOR REQUIRED FOR EMPLOYMENT IN BERMUDA

WITH

BERMUDA - CARIBBEAN ENGINEERING CONSULTANTS LTD.
HAMILTON, BERMUDA, BOX H.M. 1373.

ENGINEERS, SURVEYORS, EVALUATORS, PLANNING CONSULTANTS

Work to consist of legal surveys, with some topographical work.

Salary range from $25,000 - $30,000 Bermuda dollars (par with USA dollars)
No Income Tax

Interviews will be held at the Chateau Halifax on Nov. 12 - 14 to coinside with the Nova Scotia Land Surveyors Annual Meeting.

David Summers, President

BOARD OF EXAMINERS REPORT

By A.F. Chisholm, Chairman

Your Board of Examiners met four times during the fiscal year, dealing with acknowledgment of article time, the setting up of retracement surveys (an essential part of the Board's requirements before a license to practice is granted) and taking action on special requests made by members wishing to article more than one student at a time. The Board granted licenses to Stephen Howard, No. 596 and Bruce Mahar, No. 597.

Our policy of requiring that a student should not article with a Land Surveyor who has less than five years experience was reversed by Judge Nathanson in a court hearing at Halifax.

I want to pay tribute in alphabetical order to the Board members for their time and effort giving almost perfect attendance to evening meetings throughout the year, Keith AuCoin, Dave Cushing, Roy Dunbrack, Bruce Gillis, John MacInnis, and Don Parker. We are grateful to the Department of Lands & Forests for the occasional use of their board room.

I also wish to thank Howard Wedlock, Secretary of the Board for preparing agendas and supplying students and members' files necessary for the conduct of our meetings.

The above is my last report as chairman of the Board of Examiners. I have attended my last meeting of the Board and while on the Board I have seen most of you qualify for membership in our Association. A few thanks are in order. To the councils for displaying confidence in me as they reappointed me each year to the Board. To the fine capable persons who have served with me on the Board and elected me their chairman for a number of years. To the Minister, the Barristers Society, and the Engineering Association for never failing to appoint persons who always made substantial contributions to the work of the Board. To the several secretaries of the Board. Initially the Secretary was one of the members of the Board, however, more recently the Secretary of the Board has been the Association's Secretary. All have served the Board well and faithfully.

I have asked that I not be considered for a reappointment to the Board of Examiners. That is why I wrote the above several paragraphs. In case I have left anyone out, thank you everyone for your support throughout the years.

* * * * *

EDITOR'S REPORT

THE NOVA SCOTIAN SURVEYOR

by Dennis A. Jones, Editor

The Nova Scotian Surveyor has serviced the Association for another year through the efforts of Howard, Murna, and Michael.

This is our most important issue of the year, containing most of our association reports so please have it accompany you to Convention '87.

Thanks to our regular contributors we have managed some interesting articles but would "love" to publish anyone's ideas,experience or expertise.

Please send your article to the association office for publication.

The Nova Scotian Surveyor is read throughout North America and in many other parts of the world!

* * * * *

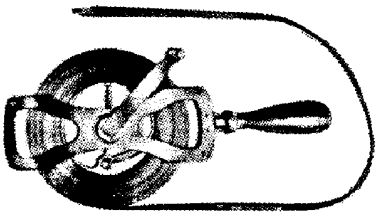
STATUTES COMMITTEE

by Murray J. Banks

This past year was a relatively quiet period for the Statutes Committee, a welcome relief after several years of preparing draft amendments to the Land Surveyors Act coupled with sometimes frustrating times when dealing with objections of others, and then finally securing approval of the Legislature.

The only project handled by the Committee during the year involved the reviewing of all legislative bills going before the Legislature. This is done each year to ensure that the interests of the Association are protected.

Lufkin



Quality Lufkin measuring tapes and accessories for the Surveyor.
Tapes available in Metric, English, or Metric/English graduations.

CooperTools

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WEBBER ENTERPRISES LTD.

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FORD WEBBER - SALES 1 (902) 845-2211

SURVEYORS - ENGINEERS

The Committee meets at noon on the fourth Tuesday of each month at the A.P.E.N.S. Office and there were six meetings during the past year.

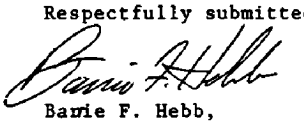
Several items were discussed, these being:

1. Need for a pamphlet on the duties and responsibilities of surveyors and engineers in regard to subdivision and subdivision roads. (Department of Transportation "Blue Book") A pamphlet has been prepared and has been forwarded to both Association Councils. A favourable reply has been received from the Department of Transportation.
2. Municipal Planning Act.
3. Joint Seminars.
4. Joint Public Relations Project.

The A.N.S.L.S. members are:

Councillor Steve Milligan, Barrie F. Hebb, A. Tom Barry and Terry MacGillivary.

Respectfully submitted,



Barrie F. Hebb,

Chairman

CANADIAN COUNCIL OF LAND SURVEYORS

Howard K. Wedlock, Director for Nova Scotia

Directors and members met on June 23 and 24 at Charlottetown, P.E.I. in conjunction with the C.I.S.M. Annual Meeting.

President James Condon, S.L.S. conducted the two-day meeting. Discussions on the "New Face" proposal where some of the more important issues included recommendations to streamline meetings and reduce the number of reimbursed expenses.

Several executive meetings per year proposed, with representatives from the committees concerned to be present. Notices of Motions to be circulated to all Directors prior to the Annual Meeting.

Voting on motions from the floor may be deferred to permit a write-in vote if proxies desire to discuss the motion with the member (Association).

President George Babbage addressed the meeting, speaking on the C.I.S.M. proposed public awareness program. Full support was indicated by all present.

A proposed C.I.S.M./C.C.L.S. Continuing Education plan was discussed, it was indicated that L.R.I.S. would also be involved in this program.

Accredition of Laval University was granted by the Education Committee. Requests were received from the universities of Alberta and Calgary and are presently under study.

The policy of the C.C.L.S. Respecting Procurement and contracting of Surveying Services is outlined as follows:

I. INTRODUCTION

The Canadian Council of Land Surveyors is a federation of the ten provincial land surveying organizations in Canada, and is involved in surveying issues having a national scope.

One such issue is the procurement and contracting of surveying services, which has become prominient in recent years due to the increased competition for available work, and to the major abuses and problems apparent with existing policies of the various users of surveying services.

The services of individual members of CCLS are not confined to land surveying but may include such things as construction surveying, mapping, control surveys, site planning, data collection surveys, etc. The policy which is stated hereafter is intended to apply to surveys of any nature.

II. POLICY FOR SELECTION OF SURVEY PRACTITIONERS

"THE SELECTION OF A PRACTITIONER TO PROVIDE SURVEYING SERVICES SHOULD BE BASED PRIMARILY UPON THE QUALIFICATIONS AND ABILITIES OF THE PRACTITIONER, WHILE COST SHOULD BE A SECONDARY CONSIDERATION. COMPETITIVE PRICE BIDDING AS A SOLE CRITERION SHOULD BE DISCOURAGED."

The basic thrust of this policy is to identify a practitioner who has the best or adequate qualifications, and clearly has the ability to perform the desired tasks. Having done so, the cost factor should be considered.

III POLICY RATIONALE

The profession of surveying may be described generally as the collection and display of physical data to facilitate intelligent decision making by others. It is vital that the professional practise under conditions which encourage the full application of his abilities in the best interests of his client. Moreover, in relation to cadastral surveys wherein property boundaries are affected, the surveyor has a duty to the broader public to act in an impartial, diligent, and careful manner. Currently many procurement policies do not accommodate such professional attitudes.

The surveying profession in Canada is composed of individuals and firms with varied backgrounds, capabilities, and experience. They range from small one man operations practising general land surveying to large multi-disciplinary firms with offices across the country. Although the average firm is probably somewhere in the middle of this spectrum, it is essential to choose a practitioner having the right combination of qualifications to successfully perform the desired tasks. This is most critical for innovative or unusual projects, but still important for routine surveys.

It is recommended that the evaluation of practitioners should emphasis such things as: technical and managerial competence, relevant experience, staff and equipment availability, proposed methodology, understanding of particular requirements, and project scheduling. Such qualifications will greatly facilitate successful execution of a project while ensuring a harmonious and effective client/professional relationship.

The final decision on the choice of a practitioner should not be taken without a clear understanding respecting fees however. Unfortunately the nature of many surveys in not conclusive to a readily identifiable lump sum fee, and while it is incumbent upon the professional surveyor to negotiate a mutually satisfactory fee,or a basis for a fee,in advance of any service being performed, the client should be prepared for a degree of flexibility. A discussion of fees is included in this document hereafter.

Criticism of the competative bidding process where price is only criterion usually includes the following arguments:

- a low bid criteria may cause the least qualified practitioner to be chosen, with potentially disastrous results.
- competitive bidding frequently promotes an unhealthy adversarial relationship between client and professional, with enhanced potential for misunderstanding.
- competitive bidding implies that all costs can be determined in advance. This is highly unlikely unless the practitioner is prepared to invest a great deal in project reconnaissance, research and the like, or the client is able to supply the detailed information necessary to make a reasonable assessment.
- a competitive bidding process has been shown to be expensive for both client and professional, perhaps counter-productive.

It was moved and passed that a special levy of $5.00 per member per year for a five year period be levied by C.C.L.S. to all Associations for the Continuing Education Program.

Next years meeting is scheduled for June 11 & 12 at Quebec City.

Career Opportunities

Nova Scotia

Department of Vocational and Technical Training

Honorable Terence R.B. Donahoe, Q.C.
Minister

A Career in Modern Technology

Technical programs related to surveying, mapping, scientific computer applications, land-use planning, and environmental resource management are available at N.S. College of Geographic Sciences.

Programs are at the post-secondary level. Some are suitable for those who wish to acquire technical skills for the first time; some are designed for those who wish to enlarge and improve on earlier training and experience.

N.S. College of Geographic Sciences, P.O. Box 10-A, Lawrencetown, Annapolis Co., N.S., B0S 1M0

REPORT TO ANSLS COUNCIL

by Marcellin S. Chiasson, Chairman
&
L. Robert Feetham

SURVEY PROFESSION COMMITTEE

As per the approval issued by Council on January 17, 1987, our committee has retained the services of L. Robert Feetham, N.S.L.S., as Co-ordinator for the Survey Profession Committee.

Since that date, our Committee has met twice with Mr. Feetham and has provided Mr. Feetham with a copy of the responses we received from the other survey associations across Canada. It is interesting to note that most of our sister associations do not have a Long Range Plan, per se. Our Committee was impressed with Albert's approach in that Alberta has developed a Strategic Plan which includes a Mission Statement. To quote Ken Allred, their executive director, "one problem I find, now that we have adopted the Strategic Plan, is that we very often get bound up in the day to day problems and are not actively pursuing the development of the Strategic Plan".

Therefore, our Committee feels it is very important to fully develop the "planning process" so that any plans we develop may not get lost in the activity of dealing with day to day problems and to ensure that we are always ready to change our plans in order to accommodate changing circumstances and conditions.

In order to assess "what we are and where we are", our Co-ordinator has commenced his work by attending zone meetings and establishing persons in those zones to be zone contacts.

ZONE CONTACT MEMBERS
FOR LONG RANGE PLANNING

Date of Visit	Zone	Location	Name
February 17, 1987	6	Dartmouth	John C. MacInnis Glen M. Crews
March 11, 1987	3	Truro	Richard E. Greene Gordon S. Isaacs
April 9, 1987	1	Bridgewater	Alan W. Comfort Robert L. Hunt
July 8, 1987	4	New Glasgow	John W. Ross Edward P. Rice
October 6, 1987	5	Sydney	Stewart F. Setchell Wayne D. Hardy

To date, he has attended meetings in Zone 6 (Dartmouth), Zone 3 (Truro), Zone 1 (Bridgewater), Zone 4 (New Glasgow), and Zone 5 (Sydney) and has sought ideas through this valuable forum. He intends to visit Zone 2 at their next meeting.

Our Co-ordinator (incidentally who is a Charter Member of CCLS and our first Director) has been actively pursuing his contacts through CCLS for information. One of his contacts has been Fred Pierce, OLS, who since retirement has been involved in the development of a one-year course on land management for the Surveyor through the University of Waterloo. (The course is to be a home study type with a university credit available to the participant). The University has recently graduated their first student and we now find that our President Jim Gunn and another member Bernie Smith are enrolled in this course.

Our Co-ordinator has also been in contact with the Massachusetts Association of Land Surveyors and Civil Engineers (M.A.L.S.E.) as they appear to have resolved the age old problem of jurisdiction of the land surveyor and the civil engineer.

Closer to home, our Co-ordinator has been in contact with Dr. John McLaughlin of the University of New Brunswick and received three excellent papers from him covering the Survey Curricula, Land Information Management and Land Information education.

It is our Co-ordinator's intention to meet with Dr. McLaughlin in late October when he is in Halifax, as U.N.B. is changing and reshaping Survey Engineering courses to meet the needs of the profession. It is in our best interests that we moniter and have input into these proposed changes.

We have asked our Co-ordinator to give us a preliminary Master Plan and he has provided us with the following:

"1) Year one would be taken up with the completion of visits to the remaining zone. A presentation of short duration at the Annual Meeting in November 1987 and a possible trip to Ontario (University of Waterloo).

2) Completion of a Mission Statement for the Nova Scotia Surveyor. Answering the following questions:

   a) What and where are we?
   b) Where do we want to go?
   c) How do we want to get there?
   d) When do we want to arrive?
   e) Who will be responsible?
   f) How much will it cost?

   This will likely involve a questionnaire to membership and a presentation to the Annual Meeting in November 1988 plus a Seminar by Continuing Education to explore material which will be provided by the Profession Committee.

3) Presentation in draft to Profession Committee and Council outlining:

   a) Proposed changes in course content for the Survey Engineers at U.N.B. Possibly some educational changes for the undergraduate and our present membership.

   b) Possible changes to our Act, Regulations and By-Laws.

   c) Cost of implementing the above changes.

   d) Time frame for completion of the above with latest inservice date of 2001."

As well, our Co-ordinator has provided us with a revised budget for the balance of 1987 and a projected budget for 1988.

In carrying out the objects of our Association as defined under our Act, we must consider the future of the survey profession and must be prepared to meet the challenges which will cross our paths by having a Long Range Plan. With the challenges facing us, i.e., changes to the Planning Act, questions of jurisdiction of the land surveyor and engineer, our Committee feels we must adopt a Long Range Plan to deal with the future and to enable our members to provide a broader range of land information and land management service to the public.

* * * * *

ZONE 3 ANNUAL REPORT

by Richard E. Greene, NSLS

Councillor

Zone 3 held two meetings during the year 1987. A change in meeting format was instituted this year in an effort to increase attendance. Zone 3 now have a "DINNER-BUSINESS" meeting which has met with favourable success to date.

The first meeting in March was held at the Glengarry Best Western, Truro with Guest Speaker, L. Robert Peetham speaking on Long Range Planning. The second meeting in September was held at the Valley Inn, Wentworth with Guest Speaker, James F. Doig speaking on proposed revisions to the By-Laws.

Average attendance at Zone Meetings this year has been 36% versus 20% for 1986. Contributing factors as to why poor attendance are the fact that 5.4% of Zone 3 membership have left the survey profession for other endeavours; 10.8% are retired members; 16.2% are members who live on the border of Zone 6 and who work in Zone 6 thus making it more practical to attend Zone 6 Meetings and 10.8% are non-interested members. An attempt will be made to improve attendance if at all possible by improving the quality of the Zone Meeting.

Items discussed during the year were as follows: Minimum Fees;Educational Seminar; Articling of Students; Mandatory Insurance; APENS/NSLS Liaison; Moonlighting; Benevolence; Proposed Revisions to the By-Laws; Association of Certified Technicians and Technologists.

Minimum Fees is to become a study if at all possible in an attempt to make the marketplace more stable and to have equity among our members. Also, survey standards are to be taken under study in Zone 3 in an attempt to both produce and provide a better product for the consumer.

Congratulations Vice President Dave on being our new President in 1988. Support from our Zone 3 Members is ther for you when you need it.

* * * * *

DEPARTMENT OF SURVEYING ENGINEERING
UNIVERSITY OF NEW BRUNSWICK

Bachelor of Science in Engineering

Master of Science in Engineering

Master of Engineering

Graduate Diploma in Land Information Management
(Jointly with The School of Computer Science)
Graduate Diploma in Mapping, Charting and Geodesy

Further information from

Chairman
Department of Surveying Engineering
University of New Brunswick

Fredericton, N.B.

REPORT OF THE ATLANTIC PROVINCES BOARD OF EXAMINERS FOR LAND SURVEYORS JULY 1, 1986 TO JUNE 30, 1987

The ninth year of operation of the Board has been rather busy with a steady flow of inquiries, correspondence and counselling meetings. Fifteen new candidates registered with the Board (1 from Newfoundland, 5 from New Brunswick, 6 from Nova Scotia, and 3 from Prince Edward Island) bringing the total to 102. During the year, four candidates from Nova Scotia received their Certificates, namely: Stephen Howard, Dartmouth; Mark Selander, Halifax, Walter Johnson, River John and Allan Chisholm, Guysborough.

At the Board's meeting in February, 1987 at U.N.B. in Fredericton, the chair passed from Jim Doig, N.S. to Max Batten, NFLD. In addition to routine items, the following decisions were made:

The Registrar has the discretion to withhold or refund all or part of the examination fee if a candidate does not write an examination.

The examination fee is to be increased to $50.00 effective February, 1987.

The following institutions only will be involved in setting Atlantic Board Exams.

- Cabot Institute of Applied Art's and Technology, St. John's, Newfoundland.
- N.S. College of Geographic Science, Lawrencetown, N.S.
- University of New Brunswick, Fredericton, N.B.
- University of Prince Edward Island, Charlottetown, P.E.I.

The Board members were asked to consider a time limit for completion of the Certificate. This will be dealt with at the next Board meeting.

The financial situation of the Board is stable with a small positive balance of $17.75 for the year.

Jim Doig retired from the Board this year as the N.S. government representative and was replaced by Keith AuCoin. John MacInnis joined the Board as a new member this year, representing the Association of NSLS Board of Examiners. Harold Lively remained on the Board as a council appointee.

W. Faig
Registrar

FROM THE FIELDBOOK

by Marcellin S. Chiasson

GETTING OUT A NEWSLETTER IS NO PICNIC

If we print jokes, some say we are silly;
if we don't, some say we are too serious.
If we print original matter, we lack variety;
if we don't, we are too lazy to write it.
If we print news, some say we are nosey;
if we don't, some will be offended.
If we print contributions, it's full of junk;
if we don't, we don't show appreciation.
Like as not, someone will say we swiped this.
Well, we did!!! From another newsletter!!!
(No telling where they got it.)

West Virginia Surveyor

* * * * *

FROM THE C.I.S.M. CALENDAR OF EVENTS:

November 18 - 20, 1987	Manitoba Land Surveyors Annual Meeting	Winnipeg
January 19 - 22, 1988	British Columbia Land Surveyors Corp. Annual Meeting	Richmond
January 21 - 23, 1988	N.B. Land Surveyors Annual Meeting	St. John
February 24 - 26, 1988	Ass'n of Ontario Land Surveyors Annual Meeting	Toronto
April 20 - 23, 1988	Alberta Land Surveyors Annual Meeting	Edmonton
May	NFLD Land Surveyors Annual Meeting	St. John's
May 24 - 27, 1988	Canadian Institute of Surveying & Mapping Annual Meeting	Winnipeg
June 3, 1988	Odre des arpenteurs - geometres du Quebec - Congres Annuel	Quebec

* * * * *

A 16-year-old lad with a brand new driver's license continually bugged his dad for use of the family car, "Can I use the car to go down to the drugstore to get a magazine?" the lad asked one evening.

"You've got two feet," replied the father, "What are they for?"
"Well," replied the boy, "one's for the brake and one's for the accelerator."

* * * * *

The Nominating Committee of the Canadian Institute of Surveying and Mapping announces the election of the following officers by acclamation:

President Elect	1987-88	Michael Brunet
Vice President	1987-88	Tim E. Koepke
Technical Councillor	1987-90	Barry M. Lusk
Technical Councillor	1987-90	David M. Lever
Technical Councillor	1987-90	Berthier Beaulieu

The following Branch Councillors were also elected by their respective Branches:

Calgary Branch Councillor	1987-90	John McMurchy
Halifax Branch Councillor	1987-90	David Woolnough
Manitoba Branch Councillor	1987-90	Bruce Hicks

* * * * *

Again, from the Seniors Handbook we find the following:

(a) It was late at night but a young student decided to call home anyway. When his Dad answered, the buy said, "Hi Dad, did I wake you up?" "No," the father replied, "would you like to call back later?"

(b) Marsha Mello heard somewhere that one out of four people in this country are mentally unbalanced. And now she's worried because the other three people working in her department seem perfectly normal.

(c) A company in Maryland makes construction bricks from sewage sludge. Houses made with them will probably be build like a brick sludgehouse.

* * * * *

Did you know that under Section 81 of the Liquor Control Act, it is illegal to use liquor as part of the consideration in the purchase or transfer of any property.

* * * * *

She asked "Why do you smoke? You wouldn't expect me to kiss an ashtray, would you?"

* * * * *

The recommendation for survey services of a N.S.L.S. under our suggested scale shall be wages times a factor of not less than 2.5.

* * * * *

"IT IS NICE TO BE IMPORTANT BUT IT IS MORE IMPORTANT TO BE NICE".

* * * * *

FROM THE CONVENTION COMMITTEE:

It's true that a spouse is one's husband or wife but a spouce can be either married or unmarried.

* * * * *

BOOK REVIEW

(Taken from Commonwealth Surveying & Land Economy - July 1987)

PROMOTING THE PROFESSIONS

Surveyors Publications 1986, 151 pages, £17.50.

"Promoting the Professions", is the first multi-disciplinary guide to marketing aimed exclusively at the professions. The book, sponsored by the RICS, indicates a radical change in the attitude of the professions towards marketing.

Compiled by Neville Eldridge and Peter Carvell, the 150-page book, illustrated in colour and black and white, is designed as a working tool for chartered surveyors, barristers and solicitors, chartered and certified accountants, architects, chartered engineers and opticians.

The book contains sections on market research, strategic planning and corporate identity as well as how to choose PR, advertising and design agencies. Practical advice on evaluating results is given along with a full glossary of marketing terms.

The authors define the kind of contribution that specialised experts in promotion can give. They explain why an awareness of image is important; they point out the benefits of research; they stress the importance of communicating with not only existing and potential clients, but also the various people with whom a practice comes into contact. They point out in their various fields how this or that aspect of promotion may help.

Promotion is not about wills, surveys, financial packages. Promotion is about growth. As every aspect of working life becomes more competitive, so every practice has to decide whether it wants to slide backwards, stand still or grow. There is no inherent virtue in growth or size, as some of the largest organisations have proved, but growth may be necessary simply in order to maintain the quality of life at present. There is no magic in being in the Top Ten but life tends to be pleasanter than being among the bottom hundred.

Traditionally regarded by the professions as akin to ungentlemanlike behaviour, self-promotion is now recognised as a necessary weapon for survival. Monopolies are being broken, professions are in competition and other organisations are offering competitive services. "Promoting The Professions" is an invaluable tool for those who recognise that they have to catch up rapidly with the realities of the commercial world.

* * *

THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS

Founded 1957

159 PORTLAND STREET, SUITE 204
DARTMOUTH, NOVA SCOTIA
B2Y 1H9

FILE _____

S U R V E Y P L A N C O N T E S T '8 7

The Survey Standards Committee hereby requests entries for the fourth Annual Survey Plan Contest.

GUIDELINES FOR ENTRIES ARE AS FOLLOWS:

1) The plan must be a print of an actual survey performed (except in the student category)

2) There will be 5 categories for entries-
   (1) Condominium Plan
   (2) Plan by a Government Agency
   (3) Subdivision Plan
   (4) Retracement Survey Plan
   (5) Student exercise (i.e.- N.S.C.O.G.S.)

3) Entries may be forwarded no later than November 5th to E.J. Webber, N.S.L.S.
   Lake Charlotte, N.S.
   B0J 1Y0 Tel. 845-2578
   or taken to the Annual Meeting.

4) The Survey Standards Committee will have the final decision on eligibility of entries and distribution of prizes.

THE PLANS WILL BE ON DISPLAY DURING THE ANNUAL MEETING AND JUDGING WILL BE BY BALLOT OF THE MEMBERSHIP IN ATTENDANCE. PRIZES WILL BE PRESENTED SATURDAY AFTERNOON.

A Project Of Your
SURVEY STANDARDS COMMITTEE

COLLEGE OF GEOGRAPHIC SCIENCES

GRADUATION

AUGUST 21, 1987

Graduation exercises were held on Friday, August 21, 1987 for the Cartography, Computer Graphics, Scientific Computer Programming, Geographic Information Systems, and Remote Sensing programs. Fifty-two graduates of these programs had, that day, completed their rigorous and demanding 50-week program of studies.

The Valedictory Address was given by Craig Zeller, Bedford, N.S., who was graduating with a diploma in Computer Graphics.

The Hon. Ronald Giffin, Q.C.,Minister of Vocational and Technical Training, was guest speaker for the occasion. The theme of his address was that through quality education and training, Nova Scotians will have the ability and opportunities to be the best that they can be. Mr. Giffin also announced the establishment of an Industrial Research Institute at the College.

Prizes and Scholarships were awarded as follows:

Bridgetown Motor Hotel Prize
Best Computer-Generated Graphics Image
Used in Cooperative Projects within Computer Graphics Class

John David Raftus
Lawrencetown, N.S.

Canadian Institute of Surveying & Mapping
Hans Klinkenberg Memorial Scholarship Fund
Best Thematic Map

Jimmy John Jeddry
Port Saxon, N.S.

CANMAP Research Institute Prize
Best Scientific Computer Programming Cooperative Project

Cyril Bruce Hemming
Paradise, N.S.

Remote Sensing Program Prizes
Outstanding Cooperative Projects
Utilizing the Aries Analysis System in the
Remote Sensing Program

Michael Ernest Cassidy
Oxford, N.S.

Scott Marshall Shupe
Halifax, N.S.

DIPIX Ltd. Prize
Best Overall Standing in Remote Sensing Program

Karen March
Halifax, N.S.

Geobased Systems Inc. Prize
Best GIC Cooperative Project

Tat Quon Ma
Victoria, B.C.

Donald W. Morse
Lawrencetown, N.S.

Environmental Systems Research Institute Ltd. Prize
Students with Highest Standing in GIS Program

Bruce Patrick Dahms
Westaskiwin, Alberta

Maritime Resource Management Service Inc. Prize
Best Computer Cartography Project

Mark James Wilson
Saint John, N.B.

W.K. Morrison Cartography Prize
Best Overall Student in Cartography

Ruth Edith White
Dartmouth, N.S.

PRIME of Canada Ltd. Prize
Best Overall Standing in Scientific Computer Programming Program

Monica Louise Haydon
Dartmouth, N.S.

Tektronix Prize
Excellence in Computer Graphics

John Daniel Doucette
Cardigan, P.E.I.

Diplomas were presented to graduates by Mr. James D. Anthony,Area Director, Valley/South Shore, Department of Vocational & Technical Training.

Graduates hailed from all provinces of Canada saving Manitoba and Newfoundland.

* * *

SUMMER 1987 ISSUE

CORRECTION

COLLEGE OF GEOGRAPHIC SCIENCES GRADUATION MAY 21, 1987

The Hans Klinkenberg Memorial Scholarship awarded by the Canadian Institute of Surveying & Mapping for Scholastic Excellence within the Surveying Program was not awarded to Paul Lewis but to Cecil Lovett James Lewis. We are sorry for the inconvenience this error may have caused.

* * *

COLLEGE OF GEOGRAPHIC SCIENCES

Industrial Research Institute

Lawrencetown, N.S.

At summer graduation exercises on the 21st of August, 1987 the Honourable Ronald Giffin,Minister of Vocational and Technical Training, Province of Nova Scotia announced the establishment of an Industrial Research Institute at the College.

The Research Institute will be the means to enhance and further develop the technologies which are taught there.

Specific commitments of the Institute will be to:

a. conduct research within the disciplines taught at the College;

b. manage and improve the cooperative projects carried out at the College and which involve government departments or private firms;

c. conduct research and study into the application of software development in support of government and private industry objectives;

d. provide technology transfer to industry and to government; and

e. emphasize and promote the unique high technology capabilities of the College.

The Industrial Research Institute will have capacity for the provision of unbiased and neutral evaluations of technical equipment within the geographic sciences. This service will be available to both government and the private sector. As well it will provide short training courses to improve the technical capabilities of industry and governments, both in Canada and in other countries.

Already there have been preliminary discussions with the National Research Council about the provision of a technical consulting service to industry and government agencies within the Atlantic Region. There have been preliminary discussions, as well, with representatives of the Canadian International Development Agency, the World Bank,and the Food and Agricultural Organization of the United Nations regarding training programs for students from other countries.

* * *

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Date: September 23, 1987

To: Fellow Members of the Association
of Nova Scotia Land Surveyors

This summer, it was necessary for me to challenge a decision of our Board of Examiners in court, regarding the 5 year rule.

My student applied to the Board for approval of his articleship to me. It was rejected because I didn't have 5 years experience as a land surveyor, so we challenged the Board's right to make such a rule. The judge agreed with our opinions and quashed the so called "Five Year Rule".

Once again there are no regulations, rules or guidelines to insure that all students receive quality articles, and that should be a great concern to our professional association.

It is not reasonable to presume that a surveyor of 5 years experience is a better surveyor than one of 1, 2, 3 or 4 years experience. One must asked what work each surveyor has conducted during his or her professional carreer. How many of us have encountered another's work, and questioned it's reliability and even discarded the plan when assessing the evidence of a boundary? And how many of those surveys have been conducted by surveyors with at least 5 years experience?

One might argue that the surveyor with at least 5 years experience can better assess boundary evidence on difficult surveys, but I believe that surveyors are educated and trained to gather and assess the information in order to reconstruct the original survey. This process of gathering and assessing information doesn't change because it's a difficult survey, or because of who signed the plan.

The answer to insuring quaility articles is to insist that each student conduct a specified amount of certain types of surveys, such as 40% retracement, 20% subdivision, 15% location certificates, etc. This type of system is in effect today due to a decision of the Board, but if it was challenged by a student, it would be quashed because it is not part of our regulations. We must have proper articleship requirements published in our regulations.

Glenn M. Crews N.S.L.S.

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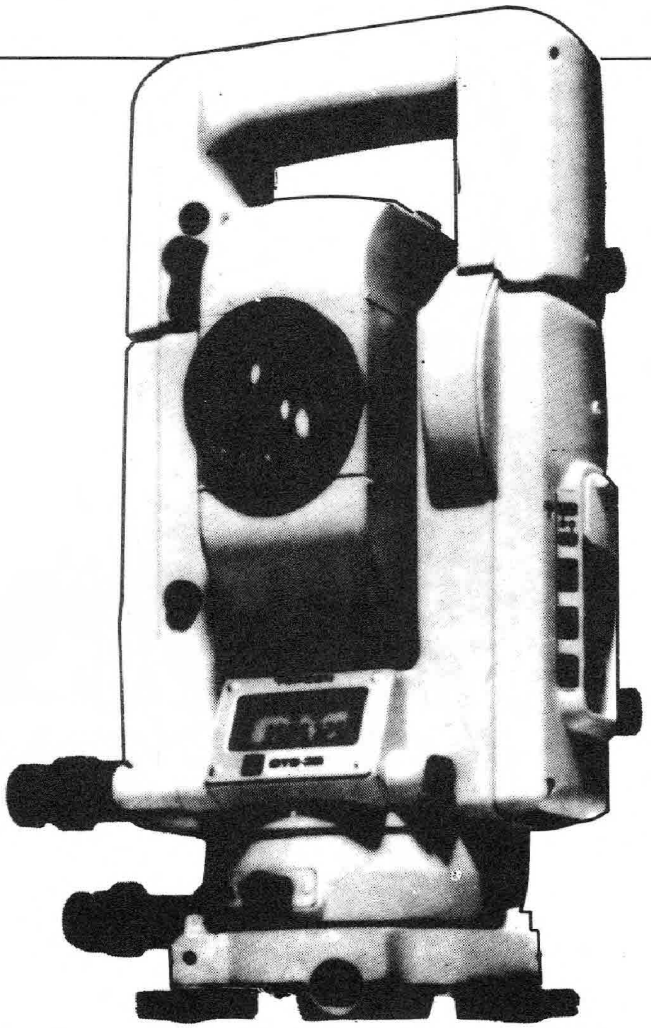

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