

EDITORIAL

The editorship of "Acoustics and Noise Control in Canada" changes at the upcoming Annual Meeting. I would like to take a minute to report to the membership how the journal is evolving. For indeed, journals do "evolve", and the publication that the next editor takes over has been nourished by the care of all the previous editors and officers of the association, as much as by the team now in charge. We advance only when previous advancements are taken for granted.

In the last two years, we have successfully shed our government support, and become truly independent of any grant or subsidy. Until 1978, the government maintained our mailing list, printed the journal, and paid for all that and the distribution besides. Since then, Doug Whicker has maintained our mailing list, Deirdre Benwell has arranged our printing and distribution, and Moustafa Osman has sold the mailing list, attracted advertising and sustaining subscribers, and paid not just the bills but made a profit besides. Les Russell has managed the increasingly complex finances.

These administrative tasks have consumed more effort than evidenced by a casual reading of our pages. We hope, however, that other aspects of the editorial effort are visible. Our covers are in colour, and illustrated by Simon Tuckett who also helped us with our logo. Our text now conveys more news, and an occasional

photograph, and is often typeset (thanks to the help of Rosemary Garsh). Our papers, which continue to occupy over half of the journal, increasingly come under referees' scrutiny before their acceptance. The referees are to be thanked for their dedication to this most invisible and thankless of tasks.

Our objectives have therefore been four-fold: financial independence; a livelier appearance (though not "gloss at any price"); more news about Canadian acoustics; and a higher standard of published papers.

It is in this last area that the journal is at a stage that will need monitoring and managing in the years ahead.

We have so far chosen not to assume the role of a high-quality scientific journal - which would require an international circulation, an improved format and probably a change of name. It is arguable whether another such journal is needed. Moreover, if we took such a route, and did not make the transition successfully, writing for the journal could be beneath the interest of the best acousticians while beyond the reach of many of our present contributors. Our readability could fall off dramatically.

Our current policy has therefore been to make only evolutionary changes in our acceptance procedures for papers. Our referees stress accuracy and readability before advanced thinking. This policy makes us accommodating to our authors, while still being responsible to

our readers. It would succeed better, however, if more authors responded, and we received a greater quantity and diversity of concise, news-worthy material.

As usual, we remind authors that the journal is ready when you are.

JOURNAL PROFIT AND LOSS

At this transition point to a new editorial team, Les Russell, CAA Treasurer, has prepared a profit and loss statement for the journal's last two years.

<u>Vol, No.</u>	<u>Receipts</u>	<u>Expenditures</u>	<u>Profit</u>
7, 1	895.00	476.46	418.54
7, 2	915.00	569.30	345.70
7, 3	1,084.50	783.23	301.27
7, 4	652.50	605.71	46.79
8, 1	1,305.00	644.69	660.31
8, 2	798.30*	656.37	141.93*
8, 3	970.00*	445.54	524.46*
8, 4	565.00*	475.00†	90.00*†
<u>Total</u>	<u>7,185.30</u>	<u>4,656.30</u>	<u>2,529.00</u>

Asterisked figures convey the financial picture expected when receipts are in from recent issues.

Daggered item indicates estimate.

CAA ANNUAL MEETING

A last call for papers has been issued regarding the Annual Meeting of the Canadian Acoustical Association in Montreal, October 22-23, 1980.

o Abstracts for all papers on all aspects of acoustics will be accepted for review until September 30th. However, later submissions may be possible upon confirmation by phone from Cameron Sherry, Domtar Inc., 2001

University Street, Montreal H3A 2A6, Tel: (514) 282-5306.

o Late registration is still possible by getting directly in touch with C. W. Bradley. Hotel reservations should also be made directly to the Hotel Constellation, 3407 Peel St., Montreal H3A 1W7, Tel: (514) 845-1231 (collect).

o For further information and registration details contact: C. W. Bradley, William Bradley & Associates, 3550 Ridgewood Ave., Montreal, H3V 1C2, Tel: (514) 735-3846.

NOMINATIONS FOR CAA OFFICERS

The bylaws of the Canadian Acoustical Association require that the past-president nominate persons to fill vacancies that occur on the Board of Directors and Officers of the Association.

At the October meeting in Montreal, Bill Bradley has advised us that he will make the following nominations:

President: Tom Northwood (continuing)

Executive Secretary: John Manuel (continuing)

Editor: Deirdre Benwell

Treasurer: Les Russell (continuing)

Directors: The terms of two of our directors, Hugh Jones and Gary Faulkner, expire this year. To replace them, Stuart Eaton (Workers' Compensation Board, Vancouver) and John Foreman (University of Western Ontario) will be nominated to serve for a four year period.

Further nominations are invited and should

be in the hands of the Executive Secretary, together with the consent of the nominees to serve, prior to the Montreal meeting.

TORONTO CHAPTER ANNOUNCEMENT

Dr. Theodore J. Schultz will address the CAA Toronto Chapter on "The Acoustics of the New Massey Hall" at the Auditorium of the Ontario Hydro Headquarters Bldg., Monday, September 29th.

Additional information about the project will be presented by Mr. K. Loffler, Director of the Toronto Office, Arthur Erickson, Ass. Architects. Although not yet confirmed, Dr. Elmer Isler, Director of the Toronto Mendelssohn Choir, will also give the inside story on music people's expectations in regard to concert hall acoustics.

For further information, please contact Alberto Behar at (416) 683-7516.

NOISE IN OLDER CALGARY RESIDENCES

The University of Calgary has published a "Noise Study on Older Residential Property" by T. G. Lee and H. W. Jones.

The authors tested the effectiveness of retrofitting noise control features into a 50-year old residence. The first such feature was attic insulation, the second additional window glazing, and the third a second wall structure. The authors' intention was to test ways in which older residences near city centres can be kept attractive to their occupants, who often vacate

in order to escape high interior noise levels.

The report is available for \$5.00 (plus \$1.00 mailing) from The City of Calgary, Planning Information Centre, P. O. Box 2100, Calgary, Alberta T2P 2M5, or phone (403) 268-5360.

NEW RESEARCH CONTRACTS

To Memorial University of Newfoundland, St. John's (Drs. M. J. Clouter and H. Kiefte), \$20,305 for "Acoustic properties of methane hydrate by Brillouin spectroscopy." Awarded by the Dept. of Energy, Mines and Resources.

To University of Victoria, B. C. (Dr. W. M. Barss), \$49,997 for "Model study of the effects of source motion on acoustic signals scattered by a rough surface." Awarded by the Dept. of National Defence.

To University of Western Ontario, London, \$29,700 for "Characterization of vehicle noise radiation." Awarded by the Dept. of Transport.

To University of Victoria, B. C. (Dr. H. J. Warkentyne), \$97,505 for "Research and development of a computerized automatic Speaker Identification System." Awarded by the Royal Canadian Mounted Police.

o To Pratt and Whitney Aircraft of Canada Ltd., Longueuil, Quebec, \$455,764 for "Investigatory study of turbine engine exhaust noise." Awarded by the National Research Council.

LETTERS...

ACOUSTICAL CONSULTANT REGISTRATION

● From the consumer's point of view, I support Stuart Eaton's call for some form of accreditation for acoustical consultants. Planners must frequently hire consultants in disciplines such as acoustics, about which we are relatively ignorant. The establishment of a benchmark standard such as accreditation would ease the search for the right firm.

The Ontario Ministry of Transportation and Communications has occasion to use acoustical consultants on a regular basis. Our projects normally involve ambient noise measurements, prediction of noise levels following highway construction and possibly, assessment of the impact of increased noise levels on adjacent communities. The professional merit of this work may have to be defended before the Environmental Assessment Board.

We would like to compile a roster of consulting firms interested in performing this type of work for circulation to our regional offices. Any qualifying firms wishing to be included in this roster are invited to submit a prospectus to the following address: J. O'Grady, M.T.C., Environmental Office, East Building, 1201 Wilson Ave., Downsview, Ontario M3M 1J8.

J. O'Grady
Ministry of Transportation and Communications,
Downsview, Ontario.

● The letter from Stuart Eaton which appeared in Vol. 8, No. 3, raised the question of accreditation of acoustics consultants by C.A.A. This is not possible by C.A.A. at the moment as our letters patent read in part:

"The objects of the Corporation are:

- (a) The fostering of a high standard of scientific, engineering and medical endeavour in all the branches of acoustics in Canada
- (b) the encouragement of liaison between individuals, governments, and other organisations engaged in activities relating to acoustics and
- (c) the dissemination of knowledge relating to acoustics and its applications.

"It is not the purpose of the Association to seek to establish the professional status of its members, believing this is the concern of other organisations.

"It may, however, give special recognition or awards to individuals who, in the opinion of the Board of Directors of the Association, are particularly meritorious."

Our letters patent could probably be changed within a delay of six months and an expense of about \$500.00, but a more fundamental question is that of accreditation nationwide.

We will need expert legal advice regarding provincial vs. national accreditation if we are to pursue this any further.

C. W. Bradley, Eng.
William Bradley & Associates
Montreal, Quebec

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AN INVITATION

You are cordially invited to visit our hospitality suite in the Constellation Hotel during the C.A.A. annual meeting.

Our suite will be open commencing the evening of October 21st until noon October 23rd. This will give you an opportunity to relax in a convivial atmosphere and enjoy good company with friends and associates from coast to coast.

We will have available a range of new instruments including:

FROM METROSONICS:

The all new dB-603 sound level analyzer with its unique real time detector.

The dB-652 portable battery operated Metroreader.

FROM RION:

Impulse precision sound level meters, filters and level recorders.

RION manufactures a very comprehensive line of acoustic and vibration instrumentation at VERY attractive prices.

FROM IVIE:

Hand held battery operated 1/1 octave and 1/3 octave Real Time Analyzer with microprocessor based IE-17A analyzer with read out to oscilloscope or X-Y plotter.

BREN BROWNLEE
PRESIDENT
LEQ MEASUREMENTS LIMITED