NEWSLETTER

Operational Research Society of New Zealand (Inc.)

1. O.R. Society Journal

Plans are at present under way to produce an O.R. journal containing technical papers and articles. This will greatly extend the service given to members, especially those unable to attend lecture evenings.

For such a venture to succeed it is essential that members give their full support in assisting with provision of suitable material.

If you are working on or have just finished an O.R. project please write it up and submit it for publication. Book reviews will also be welcome.

Although the journal will contain all technical articles, Newsletters will still be issued monthly with general O.R. news.

2. New Members

Daniel Cater from Auckland University has joined as a student member, and Dr Daellenbach of Canterbury University as an associate member.

3. Overseas Travel

Society President Tony Vignaux has been on a World Tour Meeting with O.R. personalities in other count es. We hope to have a report from him in the next newsletter.

Council member Bernard Kaiser is also overseas for a short period as a United Nations adviser in Bankok.

4. Integer Programming

Some members may receive an inquiry from Mr T.D. Turnbull of Service in Informatic and Analysis Limitec concerning the use of mixed integer programming. Mr Turnbull requested a copy of the Society Membership list for this purpose.

5. Lost

The postal addresses of the following members have been mislaid and anyone able to assist is asked to inform the Hon. Sec., Box 904, Wellington, (or Tel. 58769)

> Mr R.L. Allen
> Mr R.J. Dohrn
> Mr C.G. Evatt
> Mr B.T. Noyce

<u>SHORT NOTICE</u> !

<u>Meeting</u>

Time   :   7.30 p.m. Monday 8 March

Place   :   2nd Floor, Manchester Unity Building,
             Lambton Quay.

                     Miss V. Steward.
              Australian Gas and Light Co,
                        Sydney,
                      AUSTRALIA.

Will talk on her experience in the use of linear programming
on the planning of operations.

Miss Steward has had some 10 years experience in Operations
Research for her company so this promises to be a most stimulating
talk.

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ANNUAL GENERAL MEETING

The annual general meeting was held on the 23rd of November and in spite of a relatively small attendance proved to be quite a lively affair. Several new ideas were put forward and discussed at some length.

It was again commented that there had been some difficulty in arranging speakers for meetings.   Several ideas were discussed, including making a talk a prerequisite for full membership, another idea was to arrange after work dinner meetings.   The discussions did not result in any formal motions however, and the incoming Program Committee was requested to take due consideration of the points raised.

The financial statement for the past year showed a loss of $176 and although this caused some concern it was not unexpected because of the extra acitivities started last year (Noteably I.F.O.R.S.)   It was expected that the budget for the subsequent years would continue to require this extra finance and some method of increasing the revenue was sought.

Alternatives suggested were:

1.   Increase subscriptions

2.   Run Seminars

3.   Recruit corporate Members.

After considerable debate all three suggestions were accepted as viable. Formal motions resulted (finally) in new subscription rates being set as:

	Wellington	Other
Full	$5 + IFORS	$4 + IFORS
Associate·	$4	$3
Student	$1	50c.

The lower rate for non Wellington members being a compensation for the difficulty in their attending meetings.

A further motion set corporate membership dues at $50 but allowed this to be altered by the Membership Committee.

Further items of interest at the A.G.M. were the presentation of the Lecture Prize to Mr M.J. Tarrant for his paper on optimum provision of telephone cable and the Election of Officers who become

President	Professor Vignaux
Vice President	Professor Jackson
Hon. Sec	Mr Campbell

Hon. Treasurer	Mr Milkop
Council	Mr Cook
	Mr Jordan
	Mr Barr
	Mr Tarrant
	Mr Kaiser
	Mr Wheeler

The meeting concluded with a talk by Mr Milkop entitled Economics Engineering or O.R. which will be published at a later date.

COURSE ENQUIRY

The Operational Research Society of New Zealand seeks to develop a repository of information about sources of training in OR and related techniques of business science.

By gathering this information and making it available to the community, the Society will provide a compact aid to planners, businessmen, students etc. who are involved with the increasing use of OR techniques.

We are asking educational groups in the Universities, in industry and other agencies to help us in assembling comprehensive and authoritative data on pertinent courses and training programmes scheduled during 1971.

It would be appreciated, therefore, if any member has knowledge of such courses he could respond to this enquiry, giving details of such courses for inclusion in the compendium - their purpose, scope and syllabus, duration, background requirements, schedule and history where pertinent.

In addition to courses as such, we address the broader question of general practical problem-solving and on-the-job training, and would welcome comments or reference information on current practices in this area.

Please send replys to the Secretary, P.O. Box 904, Wellington.

6TH NEW ZEALAND MATHEMATICS COLLOQUIUM

OPERATIONS RESEARCH DAY

The attached circular gives details of the arrangements being
made for the 6th New Zealand Mathematics Colloquium being held
at Victoria University, Wellington from Monday 17th May to
Thursday 20th May 1971.

Council and the Mathematics Colloquium Committee have come to
most satisfactory arrangements to provide an operations research
program on Thursday 20th May, without obligation to attend the
rest of the colloquium. This will be a most auspicious occasion
for Operations Research in New Zealand with Dr. Richard Bellman
present.

To allow the organising committee to fix the program, gauge
attendance and arrange accomodation as necessary please fill in
the attached questionaire and return to Mr D.C. Cook, N.Z.E.D.
Private Bag, Wellington by March 26 1971. A nil return would be
appreciated.

Those attending the remainder of the colloquium program should
also complete this return if they are interested in the Operations
Research day. This proposal will be confirmed given the results
of the attached questionaire.

See attached Questionaire.

QUESTIONAIRE

Please indicate interest in this questionaire, it does not mean a firm commitment.

1. I am interested in attending the
    Operations Research day.   Yes   No

2. I am prepared to give a contribution entitled :

3. I am also attending the colloquium   Yes   No

4. I am interested in attending a function
    featuring a talk by Dr. Bellman on the
    Thursday evening.   Yes   No

5. I require accomodation for the Operations
    Research day.   Yes   No

6. I would like to stay at :   Motel

                                                     Weir House

Return to :

Mr D.C. Cook,
N.Z.E.D.,
Private Bag,
WELLINGTON   - by 26 March 1971.

Second Circular

6TH NEW ZEALAND MATHEMATICS COLLOQUIUM

VICTORIA UNIVERSITY OF WELLINGTON

Kelburn Parade, Wellington, N.Z.

Monday 17th May - Thursday 20th May, 1971

Programme

It is hoped that the principal guest speaker at the Colloquium will be Dr. Richard Bellman, who is a Professor in three departments of the University of Southern California in Los Angeles - Mathematics, Medicine, and Electrical Engineering. He is the author of many research papers and books and is particularly well known for contributions to Operations Research and Dynamic Programming. His main current interest is in the applications of mathematics to Biophysics and Medicine.

In response to the first circular the Colloquium Committee has received a good number of offers of papers on widely varying topics. The Committee will run parallel sessions of papers on particular branches of mathematics and the sessions will be programmed to minimise clashes of interest. Each session will be initiated by the presentation of a general paper suitable for the whole Colloquium by an invited speaker. The subject divisions together with the corresponding invited speakers are: Mathematical Physics, Professor N. Ashcroft (Victoria and Cornell Universities); Algebra and Analysis, Professor J. Kalman (Auckland University); Logic and Foundations, Dr. R. A. Bull (Canterbury University); Mathematical Economics, Professor A. Brownlie (Canterbury University); Statistics and Probability, Professor H. Lancaster (University of Sydney) and Professor F. Haight (Pennsylvania State University); Numerical Analysis; and the Teaching of Mathematics.

Because of the expected attendance of Dr. Richard Bellman, further sessions have been jointly arranged by the Colloquium Committee, the Computer Society and the Operations Research Society for Thursday, 20th May ending with a public lecture by Dr. Bellman in the evening.

Accommodation

Those who wish to have Motel accommodation should have confirmed this with a deposit by 31st January. Accommodation in the University Hostel, Weir House, will not have to be confirmed until the receipt of the third circular in April. Accommodation is available for both Wednesday and Thursday nights for those who require it.

Registration

A third circular and registration forms will be sent in April to all those who have filled in preliminary registration forms. If you wish to attend the Colloquium but have not yet sent in a preliminary registration form please write to the Colloquium Registrar, Dr. J. H. Ansell, c/- Mathematics Department, Victoria University of Wellington, P. O. Box 196, Wellington, New Zealand. The Colloquium registration fee will be $2.50 payable at the Colloquium.

Any general enquiries should be addressed to the Colloquium Convener, Mr. W. G. Malcolm, c/- Mathematics Department, V.U.W.

BP NEW ZEALAND LIMITED

POSITION IN OPERATIONS RESEARCH

A vacancy exits in the Planning and Management Services Department of BP New Zealand Limited for a graduate to join the Operations Research Team.

The work covers all areas of the company's activities and encouragement is given to the O.R. Team to originate projects. O.R. is well established and accepted in BP New Zealand Limited and applications to date include the use of linear programming, inventory control methods, advanced forecasting techniques and simulation models.

The Planning and Management Services Department is also responsible for the computer operations of the company. Full use is made of the IBM 360/30 computer by the O.R. Team in deriving solutions to models.

The position is based at BP's new Head Office building in Wellington.

REQUIREMENTS
Applicants should have a university degree or its equivalent and possess a good knowledge of statistical techniques though a degree majoring in statistics is not necessary. Previous experience in industry and more particularly of O.R. would be desirable but is not essential.

REWARDS
A competitive salary will be paid depending on experience and qualifications. An attractive pension scheme is available and the opportunity exists for advancement to other positions both within the Planning and Management Services Department and other sections of the company.

APPLICATIONS
Applications stating age, qualifications, experience and any other relevant information should be forwarded to the Personnel Officer, BP New Zealand Limited, P.O. Box 892, Wellington.