

AUSTRALIAN SOCIETY OF



EXPLORATION GEOPHYSICISTS

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INTRODUCTION

This volume no. 16 of PREVIEW is the second issue put out by the A.S.E.G. Federal Executive in Perth. The Secretariat is based at the Chamber of Mines of Western Australia (Inc) and correspondence should be directed to 7th floor, 12 St George's Terrace, Perth, W.A. 6000. We would like to receive more letters or comments on articles printed in this newsletter.

There are a few corrections to be made to the last PREVIEW. The Executive Honorary Treasurer is Mr W.S. Peters, Mr Laurence Hansen is a member of the Executive Committee and the Financial Advisory Standing Committee Chairman is Mr Peter Fullagar. On June 26-27th, 1989 the Cooper-Eromanga Conference will be held in Adelaide, S.A.

The following message was sent to Dr Stan Ward, Department of Geology and Geophysics, University of Utah on behalf of the geophysical exploration community in Australia, on the occasion of his retirement:

"Our best wishes to you and Shirley on your retirement from active service in Utah. The mining geophysical community in Australia salutes your contribution to our art and science. There will always be a Fosters in the fridge for you down here.

Your Aussie Friends, Students & Colleagues.

The "John Haigh Memorial Dinner" will be held in Adelaide on 10th October 1988. For further information please contact Reg Nelson on (08) 274 7621.

A.S.E.G. BRANCH NEWS

A.C.T.

The A.C.T. Branch of the ASEG held a meeting on 4 August, 1988 at the Polish Ex-Servicemens Association Club in Canberra. The guest speakers were Dr Larry D. Brown of Co-Corp, Cornell University in the United States and Dr Mike R. Warner of BIRPS at the Bullard Laboratory in England. The title of the talk was:

"Seismic Studies of Crustal Layering in the U.S.A. and U.K."

After the meeting Larry and Mike were guests of the Branch for dinner at the Lantern Restaurant. For information on future meetings contact the Secretary, Kevin Wake-Dyster on (062) 49 9401.

NSW

The NSW Branch of the A.S.E.G. hold monthly technical meetings. Their next meetings are:

- On 31 August Dr P. Vail will give "An Overview of Seismic Stregigraphy" at 5.30 p.m. at the Anzac Club in North Sydney.
- On 26 September P. Woods of Norcen will give a talk entitled "Extension Structures of the Jabiru Terrace - Vulcan Sub Basin". It will be held at 5.30 p.m. at the Anzac Club in North Sydney.

SOUTH AUSTRALIA

Here is the calendar of events for 1988:

- September 14, Alan Mauger, Exploration Applications of Remote Sensing
- October 10, John Haigh Memorial Dinner, see Reg Nelson for details.
- October 19, Peter Fullagar, Deconvolution or EM depth Sounding
- November 1, Melbourne Cup Lunch with Max O'Connell

- November 16, Students Night
- December 14, Christmas Party chez Geo Kimbo's

For further information contact Kim Frankcombe on (08) 332 5633 or Neil Gibbins (08) 224 7305.

QUEENSLAND

The Queensland Branch of the A.S.E.G. has maintained it's level of activity in 1988 in the form of bi-monthly meetings in the well appointed conference rooms of CSR House (thanks to CSR Petroleum). These meetings follow the now regular format of a generous assortment of drinks and nibblies followed by stimulating technical presentation.

The Branch would like to welcome the Delhi people who have moved from the Adelaide office to Queensland.

Other movements in the Queensland exploration community include:

- Henk von Paradin to Crusader Resources
- Wayne Mogg to TMOC
- Ruth Hamdorf to Digital Exploration
- Barry Long is continuing to provide high resolution seismic services under the new name of Velseis Pty Ltd.
- Peter Best has moved to Claremont Petroleum.
- and our Branch President, Cameron Astill, has been elevated in rank to General Manager of Petty-Ray Geophysical.

Any parties with topics of interest to the Society and who would like to use our meetings as a presentation forum are encouraged to contact Danny Burns.

VICTORIA

The Victorian Branch will be holding a meeting on 1 September, 1988 at 5.30 - 6.00 p.m. in the Kelvin Club in Melbourne Place.

Professor Branco Corner from the Geological Department of the University of Witwatersrand in South Africa will give a talk entitled "Structure of the Kapvall Craton".

WESTERN AUSTRALIA

The Western Australian Branch held a very enjoyable wine tasting evening on 12 July at the Hunting Horn restaurant. It was attended by more than 50 people and John Kosovich of the Westfield winery showed nine different wines including a vintage port.

The next technical meeting will be on the 5th October 1988 at 5.00 p.m. at the Raffles Hotel. A speaker has yet to be arranged.

The W.A. Branch of the A.S.E.G., together with P.E.S.A. and F.E.S.W.A., will be holding a golf day on 15 November, 1988 at the Cottesloe Golf Course. Tee-off will be at 12.30 p.m. For more information contact the Branch Secretary, Denny Rompotes on (09) 322 2490.

TASMANIA

The Tasmanian Branch does not have any events planned at present. There are less than 10 members in the entire State which makes it difficult for them to get together.

WAVELET DECONVOLUTION/ INVERSION WORKSHOP

The Victoria and West Australian branches of the ASEG extend:

An Invitation to you or your associates to:

A WAVELET DECONVOLUTION AND INVERSION WORKSHOP

Venue: To be held at the Hilton hotel, Melbourne on 19th and 20th September, 1988.

Cost: The cost of the workshop will be \$140.00 and includes lunch on both days.

The programme is restricted to 100 people and the aims and objectives of the workshop are described below.

Guests: We have been able to arrange for Cam Wason from GSI, Bill French from Tensor Pacific and Bob

Godfrey from Digital Exploration to attend the workshop as technical experts and guest speakers.

Should you or your colleagues wish to attend please contact P. Grant at BHP Petroleum, 35 Collins Street, Melbourne 3000, Tel: (03) 652 7209.

Payment can either be made with your confirmation of attendance or on the day at the Hilton. All payments to be made to the ASEG Victoria Branch.

We look forward to your attendance at the workshop.

The workshop will address the requirements and objectives of the petroleum industry in the processes of wavelet deconvolution and inversion. Examples from both the petroleum companies and the geophysical contracting industry will be presented and reviewed. An outline of the workshop is given below.

DAY 1

KEYNOTE ADDRESS

CAM WASON, GSI

BILL FRENCH, TENSOR PACIFIC

INDUSTRY OBJECTIVES

SELECTION OF SPEAKERS FROM THE AUSTRALIAN PETROLEUM INDUSTRY

GEOPHYSICAL CONTRACTORS

CONTRACTORS TO REVIEW THEIR PROGRAMMES AND THEIR TEST LINE RESULTS

WORKSHOP

GROUPS TO ANALYSE THE CONTRACTORS DATA SETS AND COMPARE TO A SYNTHETIC/VSP

DAY 2

INDUSTRY EXAMPLES

CASE HISTORIES WHERE EXAMPLES OF SUCCESSES/PROBLEMS HAVE ARISEN FROM WAVELET PROCESSING

INVERSION PRINCIPLES

C. WASON, B. FRENCH, C. RAMSDEN

INVERSION METHODS

CONTRACTORS TO REVIEW THEIR METHODS OF INVERSION

INVERSION EXAMPLES/DISCUSSIONS

The price is \$140 and includes lunch for the two days. For further information contact Peter Grant on (03) 652 7209 or Charles Ramsden on (09) 364 8444.

ASEG 9TH CONFERENCE & TECHNICAL EXHIBITION 1992

The State Branches of the ASEG are each invited to make a submission to host the Ninth ASEG Conference and Technical Exhibition during September/October 1992. This event is programmed to occur no sooner than 18 months after the proceeding ASEG Conference in February/March 1991.

Submissions for the 1992 event and enquiries regarding ASEG conferences should be directed to Stephen Mudge, Chairman, Conference Advisory Committee, c/- RGC Exploration Pty Ltd, P.O. Box 590, FYSHWICK, ACT 2609, Tel: (062) 80 6000.

ASEG SURVEY OF TERTIARY INSTITUTIONS

By Don Pridmore

The Australian Society of Exploration Geophysicists (ASEG) is concerned that, under the current review of higher education prompted by the Dawkins Policy Discussion Paper on Higher Education (the Green Paper), the small student enrolments in the area of geophysics will result in fragmentation and a lowering of standards in the education of geophysicists and in basic research. The threatened closure of the geophysics group at Macquarie University may be the first of a series of decisions based on local circumstances with scant consideration given to national need. To effectively voice our concerns to Minister Dawkins, the Federal Executive needs to establish the facts regarding tertiary education in geophysics through Australia.

A questionnaire is being circulated to academic institutions nationwide to gather this information.

ASEG & THE AUSTRALIAN GEOSCIENCE COUNCIL

The Federal Executive is concerned about the effectiveness of the Australian Geoscience Council (A.G.C.) and the Federation of Australian Scientific and Technological Societies (F.A.S.T.S.) in representing our interests in the wider community. Given the important issues being addressed by the Government in the forthcoming year, in particular the role of the BMR and tertiary education in the geosciences, it was decided to renew our membership and, at the same time, advise the Council of our concerns.

ASEG'S ROLE IN THE GREATER WORLD OF AUSTRALIAN SCIENCE AND TECHNOLOGY

By Barry Drummond.

Many of you will have joined the ASEG to keep up to date with scientific and technological advances in geophysics in general and specifically in exploration geophysics. The ASEG strives to help you achieve this aim, mainly through its regular scientific publication "Exploration Geophysics" and, for those of you fortunate enough to be able to attend them, its conventions, conferences and workshops.

But did you know that the ASEG does more than that? The ASEG is also concerned about the health of the broader Earth science industry and about science and technology in Australia in general, and is taking steps to ensure that its members are part of a healthy and vigorous scientific community. It does this through its membership of the Australian Geoscience Council.

The Australian Geoscience Council is a confederation of Australian Earth Science societies that exist to look after the health of the Australian earth science industry. Many societies are either full members like the ASEG (the Geological Society of Australia, Australasian Institute of Mining and Metallurgy, Australian Institute of Geographers are a few

others) or associate (non-voting) members (eg: CSIRO, BMR) while other societies send observers to the general meetings of the Council.

The AGC is, itself, a member of the Federation of Australian Scientific and Technological Societies (FASTS) which has over 60 member societies representing more than 60,000 scientists across Australia. Those 60,000 people are from all science disciplines and work for industry, all levels of government, and the education (including university) system. So your membership of the ASEG automatically buys you membership of the bigger scientific lobby group in Australia.

Of course, you don't get it for free. The ASEG pays for membership of AGC and for a portion of AGC's membership of FASTS. The bottom line to you, as a working geophysicist, is a dollar a year. For the price of a beer a year you get to be a fully paid member of the Australian scientific community.

Perhaps many of you would prefer the beer instead. What do you get for your dollar? You have all, no doubt, heard of the Dawkins Green Paper on University Education. It proposes a nationalisation of tertiary institutions in Australia' with some departments in some universities to be closed, others to be amalgamated, and, perhaps, others to be opened. The AGC has been working to prepare a response on behalf of the Earth Science Community to make sure that Australia's mining and petroleum industries are not hurt in the future by closing down today schools that do not have the predetermined (by bureaucrats) number of students, or do not meet some equally arbitrarily predetermined set of standards.

FASTS also prepared a response to the Green Paper and FASTS has several ways of getting its message across to those who matter. FASTS, like the AGC, prepared a formal response but FASTS has, since its inception 2 and a half years ago, forged contacts with politicians on both sides of the political fence and with journalists of the popular press. FASTS has used these links to influence government on a number of issues.

One of the problems identified very early in the life of FASTS was a projected shortfall in science and mathematics graduates, something that will have a direct impact on geophysics. FASTS has been lobbying government and opposition alike to address this problem, not just at the University level but in the high schools where one of the major problems seems to be a lack of suitably qualified teachers.

FASTS is working hard to ensure that the Wran tax plan on university degrees does not disadvantage science and technology by imposing higher taxes on Science, Applied Science and Engineering degrees, than other degrees. FASTS has worked to get Prof. Geoff Wason appointed to the Australian Research Council. He represents and reports to FASTS

FASTS Executive Director, Dr David Widdup, has now stated "FASTS major problem is in communicating what we are doing to the wider membership." Moves are afoot in both the AGC and FASTS to produce newsletters to be distributed to all individuals in the member societies. Hopefully, the first copies can be distributed with "PREVIEW" later this year.

You are a member of ASEG and that means that you have representatives on the Australian Geoscience Council and the Federation of Australian Scientific and Technological Societies. These associations exist to serve you. You in turn must be prepared to communicate your thoughts, problems and woes to your representatives. You can do this through the ASEG Executive or through the ASEG representatives on the AGC, currently Roger Henderson (02) 597 4544 or Barry Drummond (062) 49 9111.

A healthy industry is one in which people communicate. Don't be afraid to have your say.

AUSTRALIAN GEOSCIENCE COUNCIL RESPONSE TO THE HIGHER EDUCATION GREEN PAPER

SUMMARY

General

- ° We respond as a professional body, not as an educational institution. For the purposes of this paper we regard geoscience as the study of the materials of the Earth and the processes that have moulded it throughout its 4.5 billion year history.
- We doubt the ability of the system to cope with a 50% rise in graduates by 2001 without a massive change in the primary and secondary school systems or failing that, a reduction in standards at graduation.
- In the drive to make a unified system care must be taken to retain the variety of graduates needed by industry, research and educational organisations.
- The role of the universities in producing an intellectual elite must not be lost in the desire to admit more students at a lower level of competence.
- o The management of educational resources cannot be treated as a problem comparable with the management of industrial or financial resources.
- Discipline and departmental review procedures should be encouraged and academic, professional society and industry representatives should be on the panels. Such reviews should be no more frequent than at 10 year intervals.

Specific

° There is a marked need for a wider understanding of geoscience by the general public so that various types of land use can proceed in socially acceptable ways.

- o The training, in geoscience, of school teachers at all levels - especially at secondary levels - should be given high priority.
- Geoscience has a major role to play in achieving national goals in areas such as conservation, environmental degradation, environmental prediction and resources.
- Though the government has set manufacturing industry as its priority area for tertiary educational restructuring, geoscience-based industries involving energy, minerals, soil and water will remain the backbone of the economy for at least the next 50 years. This means that we are committee to the education of increasing numbers of students in this field for at least that long.
- We identify an immediate national economic need for more hydrogeologists, engineering geologists, environmental geologists, geophysicists, soil scientists, physical geographers and remote sensing interpreters, as well as graduates trained in both geoscience and economics or law.
- To maintain the required number of geoscientists it will be necessary to maintain geoscience departments in all institutions where there is a Science Faculty so that the subject can be taught on an equal footing with biological, chemical and physical sciences.
- Ranking of geoscience departments after the manner proposed in the Oxburgh Report for the U.G.C. in Britain, is not recommended; this proposal has not been accepted in Britain.
- Rationalisation of earth science departments should proceed on a regional basis

and should involve collaboration and cooperation rather than amalgamation of departments; such processes have already been introduced in many regional centres.

 Methods for encouraging the movement of staff between educational institutions and between educational and industrial or research institutions, must be found.

- Proposals for the re-organisation of staff tenure and promotion are broadly endorsed.
- ° Great care must be exercised in setting up Centres of Excellence and Special Research Centres, the criteria for which will have to be more clearly defined we suggest what some of these criteria should be.
- National and regional Special Instrument Centres should be set up, care being taken to ensure that they have strong academic and technical staff support.
- The need for highly specialised postgraduate education in fields applicable to a limited number of industries, is noted. These needs should be met by short extra-curricular courses at a tertiary institution, or at the Australian Mineral Foundation, whichever is the more appropriate. Such courses are already operating in some centres.
- Industry support for tertiary education must not be though of only in terms of contracts for research and consultancies, but should include postgraduate scholarships, assignment of staff to universities for research and teaching and grants for the employment of specialist teachers.
- The marketing of education in the geoscience in other countries should take place in a co-ordinated way, possibly through AUSTRADE.

REVIEW OF BMR GEOLOGY & GEOPHYSICS

Review of Bureau of Mineral Resources, Geology & Geophysics

Introduction

The Minister for Resources, Senator Peter Cook, has commissioned a comprehensive, independent review of the Bureau of Mineral Resources, Geology and Geophysics (BMR). The review began on 8 August 1988 and will be finalised by 8 December this year.

It will cover all aspects of the BMR's role, its programs and activities, organisation and staffing. Special attention will be given to the potential for cost recovery from BMR activities.

The review will be based on the widest possible consultation with the States, industry, the geoscience community and other relevant organisations in both the public and private sectors. The Executive Committee of the ASEG will be making a submission on behalf of the membership and welcome any suggestions. This should be made by telephone or facsimile to the Secretariat at the Chamber of Mines of W.A. A submission will be presented to the Minister by 7 September 1988.

It is the intention of the review to come up with the best result for BMR's work in the years ahead.

Terms of Reference

- To undertake a comprehensive review of the role and functions of the Bureau of Mineral Resources, Geology and Geophysics (BMR) in the context of Australia's national needs in the area of geoscientific and related activities.
- To evaluate BMR's capacity to meet these national needs, such evaluation to include:

- its relations with other government organisations and with industry and the extent to which BMR activities reflect industry needs and priorities.
- the effectiveness of its planning and programming, monitoring, evaluation and review processes
- the effectiveness of its organisation, structure and staffing; and
- the effectiveness of its operating and management procedures.
- To recommend where necessary changes and measures to improve the performance of BMR in respect of its role and functions and in the areas of identified in paragraph (2) above
- including measures as appropriate to associate BMR more closely with industry needs and priorities.
- To evaluate the potential for cost recovery in BMR and recommend measures to implement such cost recovery.

NEW MEMBERS

Membership Fees

A rise in the membership fees has been proposed to sustain the financial position of the Society. The following fees will be effective from 1 January 1989:

Active & Associate	\$45.00	
Overseas	\$65.00	
Student	\$15.00	
Corporate	\$275.00	
Airmail Surcharge	\$60.00	

The membership year will be from January to January.

Definitions of ASEG Membership Grades

1

The Membership of the Society shall consist of Honorary Members, Active Members, Associate Members, Student Members and Corporate Members

2

Honorary Membership shall be conferred upon persons who, in the unanimous opinion of the Executive Committee, have made a distinguished contribution, which warrants exceptional recognition, to exploration geophysics or a related field or to the advancement of the profession of exploration geophysics through services to the Society.

3

To be eligible for election to active Membership an applicant must be actively engaged in practising or teaching geophysics or a related scientific field. The applicant's work must have been of a professional nature for not less than eight years and must have been of a responsible nature calling for exercise of independent judgement and the application of geophysical or geologic principles during at least three years of the total eight years professional experience. An applicant having worked toward a degree in a scientific field from a recognised college or university may count time as a student toward a portion of the required eight years professional experience, not to exceed the following: Bachelor's degree, four years: Masters degree, five years: Doctor's degree, seven years. Time spent solely as a full-time student, even in pursuit of a doctorate, cannot be counted toward the requirement of at least three years professional experience of a responsible nature

4

To be eligible for election to Associate Membership an applicant must be actively interested in geophysics.

5.

To be eligible for Student Membership an applicant must be a graduate or undergraduate student in good standing in residence at a recognised university or college. Eligibility for Student Membership shall terminate at the close of the calendar year in which the Student Member ceases to be a graduate or undergraduate student in good standing in residence at a recognised university or college.

6

To be eligible for election to Corporate Membership a corporation or organisation must be actively engaged in geophysical exploration, geophysical research or a related field or in furnishing services or products used in geophysical exploration or research and must have an active interest in supporting the objectives of this Society.

NEW MEMBERS

We welcome new members who have joined the Society in the past months:

Active Members

MR WILLIAM R. LODWICK - Tensor Pacific

MR STEPHEN J. JEFFREY - G.S.I.

MR JOE CHOUDHURY - Claremont Petroleum

Student Members

ALLAN PERRY

ROBERT MUELLER

ROD ANDREW FOWLER

KEITH A. MAYES

MICHAEL R. ANDREWS

DAVID DE PLEDGE

MICHAEL HANNINGTON

BRADLEY J. LARSON

ADVERTISING

ASEG members are invited to place their business cards in each issue for a period of 12 months (i.e. 6 issues) at \$50.00 per year.

The cards will be carried on a 'Business Card Directory' page of the newsletter. Enquiries regarding business cards should be to the Secretariat at the Chamber of Mines of W.A.

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CALENDAR OF EVENTS

1988

SEPT 11 - 15

INTERNATIONAL ENERGY 88 Surfers Paradise, Queensland

SEPT 14-16

SPWLA - 11TH EUROPEAN FORMATION Evaluation Symposium, Oslo, Norway

SEPT 27 - 28

GOLD 88 Bendigo, Victoria

OCT 11-17

GEOLOGY 88 Beijing, China

OCT 30-NOV 3

SEG 58TH ANNUAL INTERNATIONAL MEETING Anaheim, California

NOV 8 - 10

PALAEOGEOGRAPHY, SEA LEVEL AND CLIMATE - RESOURCE EXPLORATION Canberra

1989

FEB 6 - 7

MINPET 89 MINERALOGY - PSYCHOLOGY SYMPOSIUM Sydney FEB 6 - 10

AUSTRALASIAN TECTONICS Kangaroo Island, South Australia

MARCH 13-19

2ND ANNUAL SAGEEP SYMPOSIUM Golden, Colorado

APRIL 9 - 12

1989 APEA CONFERENCE HOBART, Tasmania

MAY 30 - JUNE 2

EAEG 51ST ANNUAL MEETING West Berlin

JUNE 11-15

CAPB & CSEG EXPLORATION UPDATE '89 Calgary, Alb

JUNE 26-27

COOPER-EROMANGA CONFERENCE Adelaide, S.A.

JULY 9-19

28TH INTERNATIONAL GEOLOGICAL CONGRESS, Washington, D.C.

SEPT 13 - 15

SPE XJII (ASIA - PACIFIC) CONFERENCE Sydney

SEPT 24-28

ASEG Conference and Exhibition MELBOURNE, VIC

OCT 17 - 20

INTERNATIONAL CONFERENCE ON LNG Nice, FRANCE

OCT 29 - NOV 2

SEG 59TH ANNUAL INTERNATIONAL MEETING Dallas, Texas

OCT 31-NOV 3

GEOLOGICAL SOCIETY OF AMERICA CENTENNIAL Celeb. Denver, Colorado

1991

FEB/MARCH

EIGHTH ASEG CONFERENCE AND EXHIBITION

1992

SEPT/OCT

NINTH ASEG CONFERENCE AND EXHIBITION

ADVERTISEMENT

GEOPHYSICIST IN SEISMIC INTERPRETATION

A geophysicist is invited to join the Exploration Group of the Seychelles National Oil Company in Mahe.

Duration: 2 years

Starting Date: February 1989

Duties: Evaluating potential offshore continental Seychelles

Main Functions:

- 1. Interpretation of seismic data
- Limited modelling
- 3. Use of gravity and magnetic data
- 4. Assist exploration group in evaluation needs for re-processing data for trace inversion in areas with well control.

Qualifications:

MSc Degree in Geophysics/Geology, 6-7 years continuous experience in exploration and interpretation of marine seismic data, preferably in areas where major tectonics and stratigraphy are primarily controlled by extension and transform faults, and where post rift sequences have thick carbonate sections including reef prospects.

Salary:

Tax free 17,500 Pounds Sterling with generous allowances including 15% service gratuity, installation allowance, housing, travel etc.

Enquiries should be directed to either the ASEG or the to the:

Commonwealth Fund for Technical Operations

Ref: c/- TC/SEY/82

Commonwealth Secretariat

Marlborough Houses

Pall Mall

LONDON SWIY 5HX

7th A.S.E.G. CONFERENCE & EXHIBITION MELBOURNE 24th-29th SEPTEMBER, 1989 "PREDICTION WITH PRECISION"

PRELIMINARY CALL FOR PAPERS

Papers are invited from a wide range of disciplines and technologies, hard-rock, soft-rock and peripheral activities.

Papers covering the following topics are particularly welcome:

- Regional and Tectonic Geophysics
- Non-conventional and Innovative Techniques
- Integration of Exploration Data Sets
- Artificial Intelligence
- Successes and Failures
- Petrophysics

MELBOURNE

- Coal, Diamonds, Groundwater & Mineral Sands
- Advances in Data Acquistion
- Downhole EM
- Epithermal Gold

The best case histories from both oil and mineral exploration will be combined in one joint session.

Intending authors are invited to submit titles supported by no more than 300 words, outlining aims, content and conclusions. Titles must be received by 15 DECEMBER 1988.

Authors will be notified of provisional acceptance of their papers by 1 FEB. 1989. An extended abstract of 1,000 words and up to six diagrams will then be required by 1 APRIL 1989. Full instruction for the preparation of manuscripts will be forwarded to authors at the time of notification of provisional acceptance.

Presentations will be of 25 minutes with a following 5-10 minutes for questions.

The standard method for presentation will be dual 35mm projectors. Authors requiring another medium should notify the committee when submitting extended abstracts.

Extended abstracts will be compiled and published for distribution to delegates at the conference.

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