

The Institute of Marine Engineers

76 Mark Lane, London EC3R 7JN



Annual Report of the Council for 1971

INTRODUCTION

In the introduction to the Annual Report for 1970 five matters were referred to in particular and during 1971 it is the same five matters which have dominated the year's work. These are:

- a) the continuing evolution of the Council of Engineering Institutions: this year one of the most important elements has been the consequences of the Industrial Relations Act;
- b) the Engineers Registration Board which has now been established;
- c) continuing valuable activity by the Divisions and Branches providing services to the members throughout the world;
- d) the inevitable search for counter-measures to inflation which not only bites deeply but without warning whereas it takes upwards of twelve months to provide compensatory income;
- e) efforts by the staff and others not only to reduce expenditure but to increase income from sources other than subscriptions.

DIVISIONS AND BRANCHES

In the summer representatives were appointed to speak on behalf of the Australia/New Zealand and Canadian Divisions at Council meetings in London:-

Mr. T. Kameen — for Canadian Division
Captain W.S.C. Jenks, O.B.E. — for Australia/New Zealand Division.

Divisions

Australia/New Zealand

Mr. Kerr Paxton, Secretary of the Division, died after a long illness in July. He had contributed considerably to the success and effectiveness of the Division in the vulnerable period of its first year of operation. Mr. J.B. Thomson was appointed Secretary in October in his place. Council's thanks are extended to Mr. Thomson for standing in while Mr. Paxton was ill.

The Vice-President for Australia, Captain R.G. Parker, O.B.E., retired at the end of October; Mr. E.E. Freeth has been appointed in his place.

A Divisional conference was held in November, a fuller report of which appears in the Division Annual Report.

India

In February the Government of India announced that it was in general agreement with the suggestions made by the Institute Indian Division in the memorandum on the training of marine engineers and indicated that efforts were being made to implement the proposals.

A technical seminar was held in Delhi in February.

Canada

The Vice-President for Canada, Mr. G.W. Stead, retired during the year. Mr. Stead gave the Institute most valuable service during his period of office. Mr. E.J. Jones was appointed in his place. It was agreed in July that the following local Vice-Presidents should remain in office until the new By-Laws become effective:-

Atlantic Branch — Mr. J. Gamble
Vancouver — Mr. R.G. Boomer
Ottawa — Captain F. Harley, R.C.N.
Newfoundland — Mr. R.A. Harvey
Great Lakes — Mr. G.P. Fowlie
St. Lawrence — Mr. D.L. Findlay

Branches

A meeting of the Honorary Officers of U.K. Branches was held on 12 March at which it was agreed that the individual notification of meetings should be discontinued with effect from the 1971/72 session, I.Mar.E. Calendar, the blue pages distributed with *Marine Engineers Review* to members resident in the U.K. and Europe being used for the announcement of meetings. Institute session cards would also be discontinued. An overall review of branch administration has been carried out during the year bearing in mind particularly the increased costs of running branch meetings.

South Australia

A new Branch within the Australia/New Zealand Division was formed in May.

Victoria

The Victoria Branch held a symposium in May entitled "Marine Applications of Gas Turbines" which was a success from all points of view; Mr. A.G. Pemberton, who was in Australia at that time, attended the symposium on behalf of Council. The Local Vice-President and Chairman of the Branch Committee, Mr. J.B. Thomson, was succeeded upon his retirement by Mr. W.F. Ellis as Chairman of the Branch Committee.

Sydney

The Sydney Branch has sponsored the formation of a sub-branch based on Newcastle, New South Wales, the formation of which was approved by Council in September.

Singapore

Corporate members of the Institute in Singapore have been accepted by the Professional Engineers Board of Singapore as being suitably qualified for registration with the Board.

CONSTITUTIONAL MATTERS

Early in the year it became evident that the revised By-Laws approved at the 1969 Annual General Meeting would be in a number of important aspects unacceptable. At the

same time the existing conditions of inflation demanded early action on financial aspects. To this end, certain amendments to the By-Laws were approved by members at an Extraordinary General Meeting on the 22 June and these amendments were later approved by the Privy Council by order of Council dated 8 December.

Following this action, the By-Laws Committee began work in November on a more extensive revision of the existing By-Laws, in which the membership structure of the Institute and the form of its government would be reconstituted to conform to the general pattern set by the Council of Engineering Institutions and the Engineers Registration Board. In this more extensive revision, opportunity is also being taken to modernize the provisions of the By-Laws where appropriate.

By the end of the year, the By-Laws Committee prepared a first draft of the revised By-Laws, and other enabling documentation. It is intended to present these matters to the members at the Annual General Meeting 1972.

MONOPOLIES COMMISSION

In April, the Council, upon an invitation from the Department of Trade and Industry, made certain comments on the report of the Monopolies Commission, in which the opinion was expressed that the constitution and operation of the Institute was in general conformity with the requirements of the report.

EDUCATION AND TRAINING

The only major matter for discussion by the Education and Training Committee during the year has been related to certain proposals for raising the standards of education and training required for the Chartered Engineer, which were raised by a working party of the Council of Engineering Institutions. Arising from these discussions, the Council has made formal comments on the proposals but by the end of the year no formal decision had been taken by the C.E.I. Board.

MEMBERSHIP

Changes in the membership totals are shown in the accompanying table and chart. The present membership is 20 429. The number of new elections, 1585, is slightly lower than the figure for last year but the number who died, resigned and whose subscriptions lapsed is considerably lower than last year, the result of which is that the net increase in membership this year at 950 is 30 greater than last year. Perhaps the most significant factor in the membership figures is that the number of those resigning dropped from 289 to 181. This is still far

too high a figure as also is the figure of 345 for those who failed to pay their subscriptions. This, incidentally, is almost exactly the same figure as for 1970 and is made up to an extent of almost 60 per cent from the Student and Probationer Student categories. This continues a trend of many years standing and so far has defied solution by the Council. In 1970 a word of caution was expressed on the subject of the consequences of subscriptions being raised at the beginning of the year and it was pointed out that the full effect of this would not be seen until 1971, in which connexion it is gratifying to know that anxiety on this score was not warranted.

LEARNED SOCIETY FUNCTION

a) *Technical Meetings in London*

During the year ten papers, in addition to the Presidential Address, have been presented at ordinary meetings at the Institute, covering a wide range of subjects of interest to marine engineers. In June, a two-day conference was held "Factors in the Selection of Marine Machinery and Plant with Particular Reference to Reliability, Maintenance and Cost". There have been six student meetings during the year and the Lloyd's Register of Shipping Award Lecture was held in March.

b) *Specialist Sections*

Three one-day symposia have been held by the Vibration, Business Management and Ocean Engineering Sections, the latter one being held in conjunction with the Society for Underwater Technology. The Marine Electrical Engineering Section has held an evening informal discussion.

c) *Meetings in Branches*

A full programme of interesting meetings was arranged by the Branches. It is regretted that few of these valuable contributions are available for publication although Council accepts that the preparation of manuscripts is a time-absorbing task.

CONFERENCE ON CORROSION AND PROTECTION

A joint conference between the Institute and the Institution of Mechanical Engineers and others was held on 20 and 21 April.

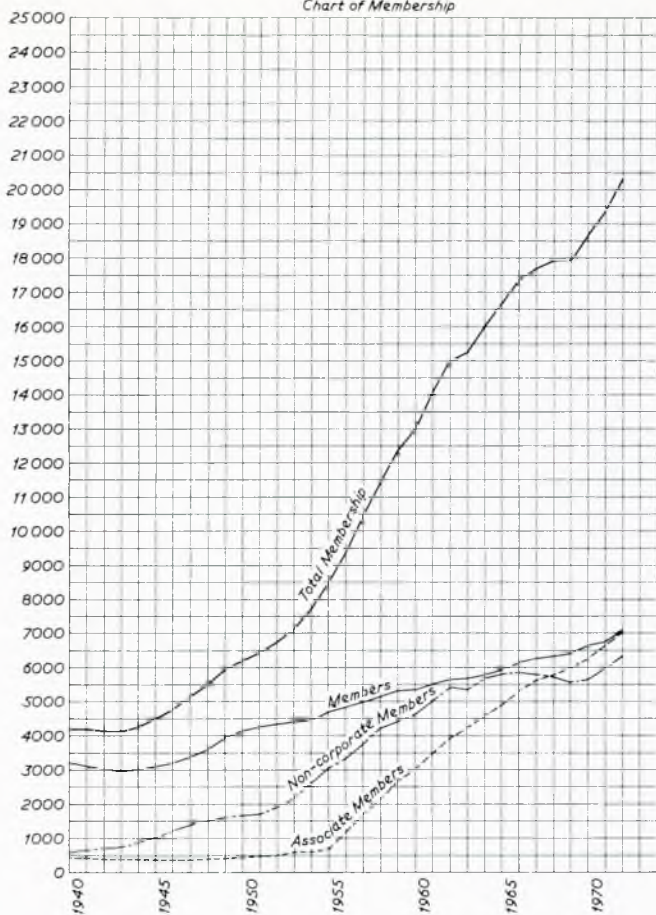
SMALL CRAFT SYMPOSIUM – SOUTHAMPTON 20–21 SEPTEMBER

The symposium was arranged by the Southern Joint Branch of the Institute and the Royal Institution of Naval Architects.

MEMBERSHIP TABLE

GRADE	Total	Transfer		Elected	Died	Resigned	Lapsed	Total	Increase or Decrease during 1971
	31 Dec. 1970	To	From					31 Dec. 1971	
Past Presidents	16			1				17	1+
Honorary Members	5							5	
Members	6834	200		213	85	60	36	7066	232 +
Associate Members	6673	245	187	379	15	27	48	7020	347 +
Companions	15				1	2		12	3 –
Associates	1618	10	62	174	6	35	41	1658	40 +
Graduates	1136	83	161	180	1	7	26	1204	68 +
Students	2055	22	111	407	1	41	100	2231	176 +
Probationer Students	1127		39	231	–	9	94	1216	89 +
Totals	19 479	560	560	1585	109	181	345	20 429	950 +

Chart of Membership



stand contributed to the very successful participation.

The Director and Secretary has accepted an invitation to join the Europort Board of Advisers.

IMAS 73 AND IMEX 73

Concurrently with IMAS 73, which is being held from 4 to 8 June, 1973, the British Marine Equipment Council is sponsoring an exhibition — the International Marine Exhibition (IMEX 73) — at Earls Court.

DEPARTMENT OF TRADE AND INDUSTRY CERTIFICATES

The Department of Trade and Industry First and Second Class Certificates are being considered by a Qualifications Panel of the Engineers Registration Board as being acceptable entry qualifications for the technician sections of the Board.

THE JOINT POLICY COMMITTEE (consisting of the Institute, the Institutions of Mechanical and Production Engineers together with the Royal Aeronautical Society and the Royal Institution of Naval Architects).

Mr. B. Hildrew, M.Sc., past Chairman of Council, has chaired the Committee throughout the year. Of the subjects discussed for collaboration, environmental engineering and ocean engineering have drawn most attention.

C E I and its problems; the practicability of a central C E I Register, the representation of professional engineers in industry (in the context of the Industrial Relations Act) have been discussed.

FINANCE AND ACCOUNTS

The Accounts have been re-drafted in a modern format which it is hoped will be more easily found informative by members. At one time they reflect an accurate but concise picture of the total Institute operation.

1) Revenue

Subscription rates have not been increased during the year and the higher level of subscription income is therefore attributable to the continued high level of membership growth.

Income from investments has been exceptionally large, in part due to the continued returns from the exercise of greater control of the Institute's internal cash resources mentioned in last year's Report and in part to exceptional dividends from Gilt Edged holdings.

Income from publications includes both advertisements (up 30 per cent) and sales of publications (up 55 per cent). The very substantial increases in these sources of revenue are the result of the new publications policy and a greater internal accent on the importance of these functions to the Institute's finances. Publications, both on the income and on the expenditure side, are as vital financially to the Institute as they are technically. If the publications can be made financially viable within a framework of providing an ever-increasing technical service to members then the rate of increases in membership subscription rates could continue to be kept below the general rate of inflation thereby increasing the value of the Institute's services in real terms.

Rental income continues to be static save in one small area where charges made are continually reviewed to obtain the maximum possible benefit.

The expenditure on services to members continues to reflect both inflationary trends and increases in the services themselves, both in terms of quality and level. The inflationary

PUBLICATIONS POLICY

Before the new publications policy came into force in January it was agreed that this should be reviewed after it had been functioning for some six months. Favourable and adverse comments were received both from individuals and Branches and in June a report of the new arrangements was discussed by Council. The change in policy was accepted but several amendments were agreed to improve the system; these include:

- i) the institution of a registration fee of £1 per annum for each year's issues of *Transactions* from 1 January, 1972. The existing ad hoc free-on-demand service remains;
- ii) a combined notification of subscription renewal and *Transactions* registration fee;
- iii) that 500-word abstracts of papers to be published as parts of *Transactions* should be included in *Marine Engineers Review* and that there should be an increase in the number of pages published in each issue of *M.E.R.*

EUROPORT 71

The Institute took a stand for the first time at the Exhibition, although the 1970 exhibition had been attended by observers, which was held in the RAI Halls in Amsterdam from 9 to 13 November. A special supplement to *Marine Engineers Review* was published to coincide with the exhibition and the effect of this, the production and distribution of literature about the Institute and the presence of some members of Council together with those staff manning the

trends are in the result less than would otherwise have been the case because of rigorous action taken to control overhead costs stemming from the introduction of long term budgeting reported last year. The unfortunate and unexpected death of Mr. Pearce has meant a considerable internal reorganization which in turn has meant that certain planned developments have not been undertaken. This could mean that the lack of expenditure under this head might result in a loss of momentum in future development; considerable efforts are to be made in 1971/1972 to redeem the position.

The protracted postal strike has affected the Institute to a considerable extent and financially has meant a loss of advertisement revenue of an incalculable amount and a loss of interest as members were unable to pay their subscriptions promptly. This loss of interest amounts to approximately £800.

To summarize, the revenue position is satisfactory and the surplus larger than that budgeted due to the lack of development expenditure on the one hand, partly counter-balanced by the loss due to the postal strike.

The outlook is a matter for some concern unless the rate of inflation drops and its effects can be contained.

2) *Balance Sheet*

The increase in the total assets reflects the revenue surplus. The increase is not, however, sufficient to cover the effects of inflation upon the real value of the Institute's reserves. The need to budget for sufficient surpluses to attain this aim, whilst at the same time not in any way restricting the Institute's development, must be reflected in future financial decisions and be taken into account in long term budgeting.

COUNCIL OF ENGINEERING INSTITUTIONS

The Institute's financial contribution to the Council of Engineering Institutions for 1971 has been £7381.

Membership of constituent institutions for 1970 and 1971 were:

	1970	1971	percentage increase
Corporate	173 929	184 299	5.95
Non-corporate	120 567	122 081	1.25
	<u>294 496</u>	<u>306 380</u>	4.02

New Constituent Member

The Institute of Fuel was elected to constituent membership of C E I in January.

Officers

Sir Eric Mensforth has served a further term of office as Chairman, Sir Arnold Lindley being Vice-Chairman of Council.

Engineers Registration Board

In February the Privy Council agreed By-Law changes by which CEI was permitted to establish the Engineers Registration Board and create a Composite Register. This enables CEI to provide a recognized medium for granting titles and designatory letters to:

- Chartered Engineers – C.Eng
- Technician Engineers – T.Eng (CEI) and
- Technicians – Tech (CEI)

The Institute, already a member of the Chartered Engineer Section of the Register, became a member of the Technician Engineer Section Board in December.

Nomenclature

A working party has been set up to discuss nomenclature of classes and qualified grades of membership for the fifteen constituent institutions and their members' use of titles and designatory letters with the aim of producing as much

uniformity as possible. No firm recommendations have yet been made.

Education and Training

The death of the Chairman of the Education and Training Committee, Dr. J.H. Jellett, who was, for many years, Chief Engineer of the Southampton Harbour Board, is recorded with great regret.

A working party has been established to review exemptions and examine ways in which standards of academic and practical training can be maintained and could be advanced.

A statement on training ("Guidelines and Education and Training for Management") has been published during the year.

Examinations

Seven members of the Institute have passed the whole or part of Part 1 and two members of the Institute passed the whole or part of Part 2.

Manpower Survey

The 1971 Engineering Manpower Survey has been undertaken by C E I alone, not, as in the 1966 and 1968 surveys, as a joint operation with the then Ministry of Technology. Mr. B. Hildrew, M.Sc., (past Chairman of Council) chaired the evaluating Committee. The report of the results of the survey is now on sale.

MacRobert Award

The 1971 MacRobert Award of a Gold Medal and a prize of £25 000 has been awarded to the Gas Council Research team which has evolved several elegant processes in the manufacturing of gas. The team is:-

Dr. Frederick Dent, O.B.E., Dr. Dennis Hebden,
Dr. George Percival, Dr. Brian Thompson and Mr. Ronald Edge.

Industrial Relations

The Industrial Relations Bill has completed its passage through Parliament and some changes in its text reflect the influence of C E I and other professional organizations.

The CEI Working Party on Industrial Relations has considered actively how the needs of Chartered Engineers can best be catered for and has briefed and supported the C E I officers in their discussions with Ministers, officials of the Department of Employment and many others, including members of both houses of Parliament, concerned with this important piece of legislation.

In the discussions, C E I concentrated on making points of principle rather than drafting detailed amendments to the proposed Bill; certain changes beneficial to professional engineers have resulted.

Clauses in the Act (progressively on the Statute Book from September) will help to enable professional engineers to take a proper place in collective bargaining through a special register to be established on which certain organizations including perhaps chartered engineering institutions will be able to register and thereby to voice opinions in industrial relations. The Code of Industrial Relations Practice, a companion to the Industrial Relations Act but without the same legal standing, if it is accepted in its present form, will enable professional engineers to belong to a profession with a recognized code of conduct (e.g. be a member of the Institute) and, having an obligation to comply with that code, should they be called upon by their employers or by any trade union of which they are members to take action contrary to that code of conduct will not be obliged so to do.

A definite Institute policy has not been able to be formed as final agreement on the Code of Industrial Relations Practice

has not been reached. Council has agreed, however, to co-operate with C E I and all its member institutions in producing a uniform Code of Ethics for all institutions to be the basis of a Code of Professional Conduct for adoption and incorporation by all institutions as a pre-requisite to their being able to apply for registration on the Special Register. Legal advice is being taken on any possible effects of registering on the Special Register on the status of the Institute.

Value Added Tax

A working party has been set up to discuss proposals to introduce Value Added Tax and how this could affect subscriptions, examination fees and other educational activities of professional institutions.

Commonwealth Engineering Conference

C E I was host to the meeting of CEC in London in June. The Chairman and the Director and Secretary represented the Institute at various sessions.

World Federation of Engineering Organizations

The Chairman and the Director and Secretary represented the Institute at the Third General Assembly of WFEO held in Varna, Bulgaria in July.

FEANI International Engineering Congress

The fifth FEANI Congress was held in London in September and marked the 20th Anniversary of the founding of FEANI. The Congress coincided with the end of Sir Frederick Warner's three year term of office as President of FEANI.

C E I Local Committee Representatives

The Institute and the R.I.N.A. were represented on the Local Committees Policy Sub-Committee, by Mr. A.G. Pemberton.

During the year Mr. E. Levison held office as Chairman on the C E I Merseyside and North Wales Local Committee.

Certificates

During the year 676 corporate members of the Institute were issued with Certificates of registration as Chartered Engineers and registration cards.

Graham Clark Lecture

The 1971 Graham Clark Lecture was delivered by Lord Hinton of Bankside, his subject being "World Sources of Energy in the late 20th Century".

HONOURS AND AWARDS

The following honours have been awarded to members of the Institute:-

- Mr. T.P. Jones – O.B.E.
(in the Birthday Honours list of 1970)
- Mr. W. Marsh, M.Sc., C.B.E.
- Mr. J.H. Cox – O.B.E.
- Mr. M.J. Gilbert – I.S.O.
- Mr. K.J. Maynard – M.B.E.

DEATHS

Amongst those who died during the year were:-

Mr. G.S. Jackson who will be remembered for his service on Council from 1957 until 1961 and from 1964 until 1968, his service on the Membership Committee and as the winner of the Denny Gold Medal for 1964.

Mr. W.B.T. Blue, C.B.E., who served as Vice-President for the Merchant Navy from 1954 until 1958.

Mr. Kerr Paxton, Secretary of the Australia/New Zealand Division.

Officers

Mr. Rupert Munton, B.Sc., succeeded Mr. M.A. Sinclair Scott, C.B.E., as President in April. Council at its meeting on 12 May elected Mr. W. McClimont B.Sc., as Chairman of Council for the 1971/2 session and Mr. R.L. Rawlings as Vice-Chairman of Council.

During the year other changes in office holders were as follows:-

Corresponding Members

Falmouth: Mr. J.R. Buckley succeeded Mr. N.W. Jephcott.

Greenock: Mr. J.A. Conn retired.

Sydney, Nova Scotia: Mr. R.C. Johnston succeeded Mr. C.G. Purvis.

Quebec City: Mr. D. McKinnon succeeded Mr. E.G. White.

Leith: Mr. K.P. Campion succeeded Dr. J. Rorke.

Barrow: Mr. R. Aiken succeeded Mr. R.A.W. Mayes.

SOCIAL EVENTS

The following events took place:-

Annual Dinner at Grosvenor House on 12 March with an attendance of 1460.

Charity Ball at Grosvenor House on 14 May with an attendance of 386.

Conversazione at Grosvenor House on 5 December with an attendance of 890.

Conversazione at Grosvenor House on 17 December with an attendance of 1005.

Cocktail Party following Presidential Address at Institute on 28 September with an attendance of 130.

ANNUAL COMMEMORATION SERVICE

Many members, together with the President, who read the lesson, were present at the Annual Service held at the Church of St. Olave's, Hart Street, London, E.C.3, conducted by the Reverend L.E.M. Claxton, M.A., M.C., A.R.C.M., on 11 November.

ANNUAL NATIONAL SERVICE FOR SEAFARERS ST. PAUL'S CATHEDRAL REMEMBRANCE SERVICE, WESTMINSTER ABBEY TOWER HILL – REMEMBRANCE SERVICE

The Institute was represented at all these Services.

THE NAUTICAL INSTITUTE

Following anxieties expressed by Council on the original suggested title for the newly formed institution, this new professional body has now been established as The Nautical Institute.

HONORARY LIFE MEMBERS

A luncheon of the Council Dining Club was given in January at which those able to be in London who had been members of the Institute for fifty years in 1970 were awarded their Honorary Life Membership Certificates.

The following were elected to Honorary Life Membership during the year:

- Mr. E.E. Burrage, Mr. C.E. Daniels, Mr. H. Davies, Miss V.A. Drummond, Mr. G.P. Fowlie, Mr. J.H. Graves, Mr. H.H. Hosking, Mr. V.F.S. Kistruck, Mr. J. Main, Mr. F.H. Reid, Mr. V. Ross, Mr. J.M. Rutherford, Mr. S.W. White, Mr. A.C. Yeates, Mr. L.H.F. Young.

JUNIOR SECTION COMMITTEE

The Committee has been renamed as the London and Home Counties Junior Committee and has continued to meet during the year.

STAFF

Mr. M.J. Pearce, Assistant Secretary (Administration), died in May after an illness lasting some four months. He had been a member of the Institute's staff for fifteen years in a position of high responsibility as the Institute's accountant. He was ideally suited to this and the many other tasks which fell to him which included matters as diverse as the Guild of Benevolence, with particular reference to the Guild House at Littlehampton, and the organization of branches of the Institute. The staff structure was subsequently amended, Mr. A.E. Franklin, C.Eng., M.I.Mar.E., becoming Senior Assistant Secretary, Mr. L.K. Morelli, B.Sc.(Econ) being made Assistant Secretary (Finance) and a new appointment to Assistant Secretary (Technical) of Mr. R.G. Boddie, C.Eng., A.M.I.Mar.E.

INSTITUTE COMMITTEES

During the year the structure of Institute Committees was considered and the following changes were made:

- i) the Technical Committee was dissolved and its activities were assumed by the Papers and Transactions Committee which was renamed and is now the Papers and Technical Committee;
- ii) the Finance Study Group was wound up and its work has now been absorbed into that of the Development Committee;
- iii) the Junior Section Committee was renamed the London and Home Counties Junior Committee.

INSTITUTE GRANTS FOR EDUCATION PURPOSES

During the year forty students taking the Marine Engineering Degree courses at the Universities of Newcastle and Surrey, and ten taking Extra First Class Certificate courses at the technical colleges at Poplar and South Shields, were in receipt of Institute grants, and at the end of the year twenty-one university students and nine members taking Extra First Class Certificate courses were under consideration for Institute grants.

INSTITUTE AWARDS

Following a review of Institute Awards by a Working Party representative of the Papers and Transactions Committee and the Education and Training Committee, there was a general increase in the amount spent on Institute Awards for papers and educational purposes. An overall increase, not including money received from bequests and awards funds, of some £600 overall was agreed.

The following major awards were made:-

The Denny Gold Medal for 1971 has been awarded to Mr.

J.F. Butler, M.A., (Member of Council) and Mr. E.P. Crowdy, V.R.D., M.A., for the paper "The Doxford Seahorse Engine", read before the Institute on 9 November 1971.

Institute Silver Medal for 1971 has been awarded to Mr. T. Carmody for the paper "The Measurement of Vibration as a Diagnostic Tool" read before the Institute on 17 November 1971.

The Herbert Akroyd Stuart Award for 1970/71 has been awarded to Mr. J.F. Butler, M.A., (Member of Council) and Mr. E.P. Crowdy, V.R.D., M.A., for the paper "The Doxford Seahorse Engine" read before the Institute on 9 November 1971.

Extra First Class Engineers Certificate Examination – Institute Award

The Institute's Silver Medal for the candidate obtaining the highest marks in the Department of Trade and Industry's examinations in 1971 has been awarded, on the recommendation of the Chief Examiner of Engineers, to Mr. S.T. Coates C.Eng.

The *W.W. Marriner Memorial Prize* for the best engineering knowledge script written by a candidate in the Department of Trade and Industry's examinations of the Second Class Engineer Certificate of competency has been awarded, on the recommendation of the Chief Examiner of Engineers, to Mr. C.S. Barry.

William Theodore Barker Awards

As no candidates had been able to take up this award for 1968 and 1969, three awards were made in respect of the 1970 award to marine engineers obtaining the highest marks in the First Class Certificate examination, who wished to take the Extra First Class Certificate course. Negotiations for the 1971 award are in hand.

The *Frank Roberts Award* for the student gaining the highest marks in the Phase III examination of the Ordinary National Diploma under the Alternative Training Scheme has been awarded to Mr. C.A. Telford.

Schooner "Sir Winston Churchill"

Mr. W. Harding and Mr. M.A. Wilcock were nominated to fill the two berths allotted to the Institute for cruises in the schooner.

CHANGES IN REPRESENTATION ON OUTSIDE BODIES

Mr. H.D. Makinson, to represent the Institute on the North West Regional Advisory Council for Further Education, Nautical Committee.

Dr. J. Cowley, to the Board of Governors of Poplar Technical College.

Mr. B. Taylor, B.Sc., to the Board of Governors, South Shields Marine and Technical College.

Mr. J. Stuart Robinson, M.A., to the Board of Advisers of Europort.

THE INSTITUTE OF MARINE ENGINEERS

BALANCE SHEET

	<u>Note</u>	<u>30th September, 1971</u>		<u>30.9.70</u>
		£	£	£
Capital Fund	1		493,664	477,168
Reserve Fund	2		178,510	168,940
Development Fund			10,047	10,047
Award Funds	3		<u>10,968</u>	<u>8,418</u>
			<u>£693,189</u>	<u>£664,573</u>
Represented by:—				
Investments				
Leasehold property	4	466,084		451,084
Marketable Securities	5	161,945		141,775
Cash held for investment		<u>8,780</u>		<u>23,502</u>
			636,809	
Fixtures & Fittings	6		17,527	18,103
Net Current Assets	7		27,885	21,691
Award Funds				
Investments and Cash			<u>10,968</u>	<u>8,418</u>
			<u>£693,189</u>	<u>£664,573</u>

REPORT OF THE AUDITORS TO THE MEMBERS OF THE INSTITUTE OF MARINE ENGINEERS

We have audited the above Balance Sheet and annexed Accounts and have obtained all the information we have required. We have verified the Investments, Bank Balances, Title Deeds and Stocks by means of certificates.

In our opinion the Balance Sheet and Accounts have been properly drawn up so as to exhibit respectively, together with the explanatory Notes, a true and fair view of the state of the Institute's affairs as at 30th September, 1971, and of the income and expenditure for the year ended on that date.

Wellington House,
125-130 Strand,
London, WC2R OA2
8th March, 1972.

ALLFIELDS,
Chartered Accountants.

REVENUE ACCOUNT

	Year ended 30th September 1971		9 Months Ended 30.9.70
	£	£	£
Income			
Members' Subscriptions and Entrance Fees		122,892	87,347
Investments: Net Rents (Note 8)	62,422		46,347
Dividends and Interest	<u>15,249</u>	77,671	7,700
Publications		61,709	34,309
Sundry		<u>2,608</u>	<u>435</u>
Total Income		264,880	176,138
Less: Charges Thereon:			
Loan Funding: Capital Repayment	15,000		(15,000)
Interest for the period	12,876		(10,122)
Redemption Provision	<u>1,000</u>		<u>(1,000)</u>
		<u>28,876</u>	
Net Income		236,004	150,016
Less: Cost of Services Provided:			
Direct expenditure on salaries and supplies in respect of:			
Technical Services:			
Sessional and Specialist meetings	4,820		(3,545)
Library	7,157		(4,973)
Publications	86,213		(58,198)
Conferences	1,541		—
Educational Grants and Prizes	7,095		(4,182)
Professional Services:			
Council of Engineering Institutions	10,510		(7,435)
Divisions and Branches	14,733		(10,500)
Public Relations	2,052		(1,317)
Development	10,056		(4,054)
Indirect expenditure in support of the above:			
Maintenance of the Membership Register	11,946		(9,071)
Council and Committees	4,741		(2,914)
Administration:			
Salaries	26,712		(17,172)
Overheads	<u>37,535</u>		<u>(26,630)</u>
		<u>225,111</u>	
		10,893	25
Less: Donation of Services to the Guild of Benevolence		998	(700)
Surplus Transferred to Reserve Fund (Note 2)		<u>£9,895</u>	<u>(£675)</u>

NOTES ON THE ACCOUNTS

1) CAPITAL FUNDS

	General £	Memorial Building Redemption Reserve £
Balance at 30.9.70	464,168	13,000
Add: Appropriations from Revenue Account	15,000	1,000
Interest on investments	496	
Balance at 30.9.71	<u>£479,664</u>	<u>£14,000</u>

2) RESERVE FUND

	£	£
Balance at 30.9.70		168,940
Add: Surplus for the year transferred from Reserve Account		9,895
Life Members' subscriptions		421
Net surplus on sale of investments		5,042
		184,298
Deduct: Net loss on social events	461	
Provision for doubtful debts	750	
Staff Fund expenditure	3,870	
Loss upon re-alignment of exchange rates	707	
		5,788
Balance at 30.9.71		<u>£178,510</u>

Note: This Fund incorporates a Social Events Fund of £3,426 (1970 £3,887).

3) AWARD FUNDS

	CAPITAL ACCOUNTS		INCOME ACCOUNTS		Balances 30.9.71 £
	30.9.71 £	Balances 30.9.70 £	Income £	Expenditure £	
Akroyd Stuart	700	367	32	100	299
W.W. Marriner (See Note)	2,586	69	15	5	79
Denny Gold Medal	735	214	41	25	230
Extra First Class Certificate	436	34	24	—	58
Frank Roberts	221	40	13	8	45
Diesel Engine	1,398	126	98	70	154
William Theodore Barker	3,000	848	179	—	1,027
	<u>£9,076</u>	<u>£1,698</u>	<u>£402</u>	<u>£208</u>	<u>£1,892</u>

Note: The sum of £2,356 was received during the year as part of a legacy from the estate of the late G.T. Marriner to be used for the purposes of the W.W. Marriner Award.

4) LEASEHOLD PROPERTY

	£
The Memorial Building at cost	691,084
Less: Mortgage secured thereon and repayable in annual installments of £15,000	225,000
	<u>£466,084</u>

NOTES ON THE ACCOUNTS

5) MARKETABLE SECURITIES

These consisted of Gilt-edge stocks and British and American equities. Their market value at 30th September 1971 exceeded their Balance Sheet value by £22,047 (1970 – £1,546).

6) FIXTURES AND FITTINGS

	Cost £	Accumulated Depreciation £	Net Value £
Balance at 30.9.70	39,602	21,499	18,103
Additions during the year	1,411		1,411
Depreciation charged to Revenue Account		1,987	(1,987)
Balance on 30.9.71	<u>£41,013</u>	<u>£23,486</u>	<u>£17,527</u>

7) NET CURRENT ASSETS

	<u>30.9.71</u> £	<u>30.9.70</u> £
Stocks less provisions against possible depreciation	11,919	16,485
Debtors and prepayments including subscriptions in respect of the current year (See Note) ..	23,450	41,086
Cash on short-term deposit	17,000	
Other cash (U.K. and Overseas)	32,232	39,995
	<u>84,601</u>	<u>97,566</u>
Less: Creditors and receipts in advance including unexpired subscriptions	56,716	75,875
	<u>£27,885</u>	<u>£21,691</u>

Note: Debtors include the net of amounts of income tax reclaimable and payable.

8) NET RENTS

	Year ended 30.9.71		9 months ended 30.9.70	
	£	£	£	£
Rents		97,261		72,816
Less: Associated costs:				
Salaries		9,933		8,414
Services and Supplies		<u>24,906</u>		<u>18,055</u>
		34,839		26,469
		<u>£62,422</u>		<u>£46,347</u>

9) VALUATIONS

For the purpose of valuation of assets held abroad the rates of exchange adopted have been the official parities ruling in December, 1971. In the case of investments these have been valued at middle market value allowing for any loss of premium which might be suffered upon sale.

