

The Institute of Marine Engineers

76 Mark Lane, London EC3R 7JN

Annual Report of the Council and Accounts for the year ended 30 September 1982

The year now reported on has been dominated by consideration of the position of the profession consequent upon the formation of the Engineering Council and the various functions and responsibilities to be attributed to that organisation.

In certain areas of activity, mainly registration, the establishment of the Council's facilities will mean the surrender of C.E.I.'s equivalent duties. Towards the end of the year the method by which this might be done has been under careful scrutiny in that it would probably involve the surrender of the C.E.I. Charter or that element of it which prescribes the attainments necessary for the title of Chartered Engineer to be accorded to members of the profession.

A substantial amount of discussion has taken place within which one objective was to ensure that in these changes the responsibilities of the institutions would continue and the facilities available from those institutions would continue to be used.

Other significant matters which have emerged during the year include a sadly continuing decline in membership which could be attributed to the depressed state of the marine industry, stricter application of the By-Laws in relation to the payment of subscriptions and because of the substantial number of Corporate Members who allowed their membership to fade away. Statistically it has been encouraging to see the figures made up in the substantial growth in the Associate Member category (the only one to show a net positive figure). This is not the whole answer, as consideration of the effect of recruitment through the higher echelons of membership as a result of changes of the C.E.I./Engineering Council handover are difficult to quantify.

All of this means that the Council must give time to consideration of the future, both of the Institute as a qualifying body and a learned society.

Other important matters include a most favourable financial position which, with a rent review due in the forthcoming twelve months, must be assumed as beneficial to this position. All of this has resulted in an ability to meet all requirements during the present year with regard to the outstanding loans to the Merchant Bank and the Church Commissioners.

Negotiations continue with The Royal Institution of Naval Architects and are making, it can be said, progress. A timetable has been established which hopefully will bring about the act of fusion sometime in the Spring of 1985. The intervening processes will necessitate consultations with the members as to the principle of the proposed fusion and steps have been taken to see what form this might take.

In the section of the Report relating to Divisions and Branches mention has been made of the visit to London by Mr. Crosby, Vice-President, Australia/New Zealand Division. The Chairman and the Secretary of the Hong Kong Joint Branch also paid a brief visit to the Institute during the summer and the opportunity was taken to discuss various matters of concern to the Hong Kong Branch. It is undoubtedly worthwhile for officers from far-flung areas of the Institute's activities to have the opportunity to come to headquarters and see how the Institute is run at source and to meet those responsible for this function.

The Canadian position on which so much hope had been built for the dual membership concept is such that aspirations in this direction have not materialised for a number of technical reasons. All members of the Institute resident in Canada have been acquainted individually of the position, coupled with a statement to the effect that it is hoped that something of the services which the Institute provided during the period of the existence of the Canadian Division will be able to be resuscitated. Detailed reference to these matters are made later in the Report.

OFFICERS AND MEMBERS OF COUNCIL

Commander E. C. Pidgeon succeeded Mr. J. McNaught as President and Mr. B. Hildrew was elected Deputy President. Mr. J. McNaught was elected to serve as Honorary Treasurer. Mr. A. H. Stobbs was co-opted to fill the casual vacancy of Fellow and Captain M. A. Vallis, RN, was appointed to succeed Rear Admiral P. G. Hammersley, CB, O.B.E., as Honorary Vice-President for the Royal Navy.

COUNCIL

The Council met on six occasions during the year and a wide variety of subjects was discussed, some of which had been considered by Committees of the Council. The following is a brief summary of the work undertaken by the Council during the year.

Office Bearers

Nominations for office holders of the Institute were approved and also representatives on outside bodies were appointed.

By-Laws

As mentioned in the annual report last year, an Extraordinary General Meeting was held on the 19 October 1981 at which the President made a statement giving the reason for the necessity to rescind the alterations to the By-Laws approved by the Annual General Meeting in 1978. The President further explained that the Council of Engineering Institutions (C.E.I.) had again indicated that the proposed alterations and amendments to the By-laws, circulated to members in August 1981, relating to the membership structure would necessitate changes in the By-Laws of C.E.I. which it was not prepared to sanction and it followed that in view of this, approval by the Privy Council was unlikely to be granted. The President, therefore, had no alternative but to recommend that the Extraordinary General Meeting be adjourned sine die. The motion for this course of action was approved by the meeting.

Subsequently, with Council approval, the alterations and amendments to the By-laws, with the exception of those relating to the membership structure, were submitted to the members at the Annual General Meeting in March 1982. These were approved by the Privy Council and became operative as from 6 August 1982.

Engineering Council

The Department of Industry Draft Charter, referred to in last year's Annual Report, was given the Royal Consent in October 1981. The Engineering Council was duly launched with Sir Kenneth Corfield being appointed Chairman, and subsequently Dr. Kenneth Miller appointed Director General. The Engineering Council is made up of representatives from Industry, Education and Employers.

The many subjects under discussion included the question of Groupings for professional institutions and also the establishment of the Register of Engineers. A decision was reached by the Engineering Council in favour of four Groups and it is yet not known the group in which this Institute will be included.

With regard to the Engineering Council's requirement under its Charter to establish and maintain a Register for the purposes of registering by stages professional engineers, technician engineers, and engineering technicians, the Engineering Council expressed the desire to take over the existing F. R. B. Register and stated that those currently on the Register would retain their existing status. To this end, discussions commenced between the Engineering Council and C.E.I. and at an Extraordinary General Meeting of C.E.I. the President, as the Institute's representative, supported the special resolution seeking approval to change C.E.I.'s Royal Charter and By-laws to permit the use of a poll as an alternative to a general meeting in confirming special resolutions. Thereby enabling all Chartered Engineers to express an opinion. C.E.I. regarded this as an essential first stage in the process of a transfer of its powers to the Engineering Council. This is also likely to include the examination function currently undertaken by C.E.I.

On the 30 September the Engineering Council issued a policy statement a summary of which will be published in the November issue of the Bulletin.

Annual Report of the Council for 1982

The consequences of the establishment of the Engineering Council have been fully discussed and debated by the Institute's Council which considers the interest of Marine Engineers to be of paramount importance within the framework of the Engineering Council. Members may rest assured that their Council will maintain its vigorous policy of negotiation.

R.I.N.A./I.M.A.R.E. Merger

The Council at its meeting in April resolved in principle to merge with the Royal Institution of Naval Architects. The Joint Standing Committee originally established to carry out preliminary discussions on the merger was reconstituted as a Joint Negotiating Committee.

Subsequently, working groups were established to consider procedure and programmes, charter and by-laws, finance, management and administration, and these Groups are now in the course of reporting to the Joint Negotiating Committee. A statement is due to appear in the journals of both Societies later in the year informing members as to the progress achieved.

The Future of the Institute and its Administration

The Council has for some time past been concerned with the future of the Institute and its administration, with particular reference to professional standards, objectives and activities. To enable a study to be carried out the Board of Marine Management (Holdings) Limited was charged with the task of setting up a working party to examine and report on the subject. A preliminary report was accepted by the Council in August 1982 and the working party is now in the process of finalising detailed recommendations showing the future pattern for the Institute, taking into account the proposed merger with The Royal Institution of Naval Architects.

Council Representation on External Organisations

The Institute continued to be represented on external organisations including the Council of Engineering Institutions and regular reports were received by Council.

The Council decided to continue the Institute's representation on the British Committee for E.C.O.R. (Engineering Committee on Oceanic Resources) and agreed to set up an Offshore Engineering Section jointly with The Royal Institution of Naval Architects. This decision resulted from a recommendation by the Institute's E.C.O.R. representative and the suggestion made by a member at the last Annual General Meeting.

South Atlantic Appeal Fund

Members will no doubt be pleased to learn that the Institute made a donation of £2,000 to the South Atlantic Appeal Fund.

DIVISIONS AND BRANCHES

Australia/New Zealand Division

Mr. D. W. Crosby, Vice-President, Australia/New Zealand Division, whilst on a visit to London, took the opportunity of attending the Council meeting in June and informed the Council that the Australia/New Zealand Division was progressing well and was in favour of the proposed merger with RINA.

The Division extended an invitation to the President and Director and Secretary to attend the Divisional Council meeting which is being held in Christchurch, New Zealand in November 1982.

Branches

The Branch Honorary Officers meeting held last March was well attended and the following were amongst the subjects discussed—membership applications, subscriptions, branch membership, publicity, MER/Bulletin and Branch Committees. The increase in the basic branch grant on a sliding scale came into effect this year and proved advantageous to smaller branches.

Headquarters continued to supply the usual support services to Branches during the year.

Southern Joint Branch reported the death in December 1971 of Mr. T. W. Paradise and Council agreed to contribute towards a memorial prize to be awarded annually, jointly with Vosper Thornycroft and RINA, to the best apprentice at Vosper Thornycroft.

Canada

The dual membership concept referred to in last year's Annual Report has been pursued enthusiastically by Council and was the subject of much correspondence with the Canadian Institute. It is regretted that negotiations, which extended over some considerable time, were unsuccessful. In view of this lack of success, Council has indicated its desire to provide enhanced services to all members of The Institute of Marine Engineers resident in Canada.

FINANCE AND ACCOUNTS

The Revenue Account on page 14 reflects the following:

- The excess of Expenditure on Membership Services over Income from Members' Subscriptions was equivalent to approximately £10.00 per capita, an increase of £3.50 per capita over 1981.
- During the year a further two repayments of principal (total £204,902) were made to the merchant bankers on the Unsecured Loan. Interest on this loan amounted to £62,733 in the year under review and this has been charged to the Revenue Account.
- The surplus for the year before appropriations amounted to £362,083.

The Appropriations Account on page 16 shows that after making appropriations of £347,470 there was a net surplus of £31,782 available to be carried forward.

The Reserve Fund therefore stood at £211,013 at 30th September 1982.

The Balance Sheet on page 17 demonstrates the increasing value of the net assets of the Institute which in 1982 were £2,237,370 up £383,914.

MARINE MANAGEMENT (HOLDINGS) LIMITED

The affairs of the Company are reported under the headings of each of the three Divisions. The profits of the Company are transferred to The Institute of Marine Engineers in full by covenant.

Activities Division

The two profit making operations carried out by the Division have continued to develop. Despite the recession, and problems such as the rail strike, the Conference Centre and Book and Publication Sales performance was in excess of the budgeted figures.

Each activity is now commented upon:—

Conference Centre

The first full year of usage of the first floor as a Conference Centre provided an indication of the maximum profitability which might be achieved. During the year there was an obvious diminution of speculative conference package deal bookings due to the reluctance of employers to send people on non-productive seminars. This short-fall has been replaced by up-market bookings for next year which involve full-scale banqueting catering with a profit margin far in excess of the normal conference package.

Book and Publication Sales

Due to the recession in the UK maritime industry, sales in this country dropped dramatically. This reduction was more than rectified by overseas orders generated by the Book and Publication Sales Department. One major example of such operations was a £10,000 order negotiated through IMO, with the possibility of some forty similar orders which are under consideration. The Department continued with its supplies to a number of maritime academies overseas, and it is in these areas where the demand now exists.

Such orders are not merely profitable financial operations. They bring with them a considerable public relations impact which brings the Institute's existence to the attention of useful contacts in every maritime country.

The Book and Publication Sales Department is no longer a purely sales function, but provides advice and recommendations for the most up to date sources of printed information, and is very much a service to members.

Annual Report of the Council for 1982

Social Events

These have been very much affected by the recession, and many of our regular hosts were forced to reduce their attendance numbers. In some instances their choice was for the Annual Dinner rather than the *Conversazione*.

Attendances were as follows:—

Conversazione	871
Annual Dinner	1125

During the year, responsibility for the Charity Ball was transferred to the Guild of Benevolence, and this will be reported on under the section dealing with the Guild.

Social Events are under close examination in view of the constantly escalating costs imposed by hotels in the West End, and this is a matter of considerable importance, as the aim has always been for a break-even financial outcome.

Overseas Activities

These continued to expand, and regular contact was maintained with approximately one hundred high level contacts. In many instances the link was established through an Institute member being either a national of the country concerned or an ex-patriate member working in the area.

It must be stated that the link with I.M.O. through the Publication Sales Service was a major contributory factor in what has been achieved. It is unusual for a week to go by without an overseas visitor arriving in reception with some request or query.

People's Republic of China

Negotiations continued with the Chinese Society of Naval Architecture and Marine Engineering, and an invitation was received to join them in their fortieth anniversary celebrations in Shanghai in November 1983. The Hong Kong Joint Branch must be thanked for the part they played in developing this relationship.

Monaco

Preliminary discussions mentioned in last year's annual report have resulted in the Institute organizing an international maritime conference which will take place in December 1983 in the Monte Carlo Convention Centre.

E.E.C. Marine Transport Research Project

During the year, the Institute became involved in an interesting E.E.C. project which initially concerned the design of economic ships to trade on specific routes. The basic aim was to produce a European Community designed ship/ships which could be an answer to the Far East shipbuilding industry. This matter is being actively progressed.

Management Division

Subscriptions

The question of subscriptions was discussed by the Council at length and in view of the increase in subsidy to members it was considered necessary to raise subscriptions as follows. It was also decided that there should be a differential subscription rate between corporate and non-corporate members. As a result the rates of subscriptions for the twelve months from 1 October 1982 will be:—

Class	Annual Subscription	Annual subscription for those in Bangladesh, Egypt, India*, Pakistan and Sri Lanka	
Companion	£39-00	£30-00	
Fellow	£39-00	£30-00	
Member	£39-00	£30-00	
Associate Member	£36-00	£28-00	
Associate	£36-00	£28-00	
Consociate	£36-00	£28-00	
Consociate (Below the age of 22 years)	£12-00	£12-00	
Retired Members	£7-50	£7-50	
Retired Members (without MER/Bulletin)	£5-00	£5-00	

* Members in India concurrently members of both the Institute and The Institute of Marine Engineers (India) will be subject to a subscription rate reflecting that dual membership.

Membership

Bi-monthly meetings were held to scrutinise applications for elections and transfers, each application being considered entirely on its own merit, thus ensuring that standards laid down in the By-Laws were being maintained.

It was encouraging to note that the total number of elections for the year had increased. Election to the Corporate class of membership increased in the class of Fellow by 6 to 34 (1981 28) and also increased in the class of Member by 16 to 99 (1981 83). Despite

an overall increase in elections there was a decrease in the class of Consociate by 48 to 93 (1981 141). In the class of Associate Member the steady increase continued by 23 to 264 (1981 241). The number of resignations had decreased by 54 to 178 (1981 232). The number of members removed from the Roll for the non-payment of subscription had increased overall by 332 to 1052 (1981 720).

This year a further breakdown of membership figures has been provided which it is hoped will prove of interest to the membership (see pages 10 and 11). The membership figures for India, Canada and South Africa are 1,140 (711 full 429 dual), 523, and 237 respectively.

Members are once again reminded that if they undertake to support an applicant for membership of the Institute by acting as proposer or seconder they must verify the information given on the application form. Full information is required as to the applicant's academic qualifications, training and experience i.e. full details of sea service and professional job responsibility.

All application forms must be accompanied by the entry fee and first annual subscription.

Members who Qualified for Certificates of Fifty Year Service

Mem. No.	Name	Area	Date Elected
FE. 7102	H. Armstrong	South Devon	12/9/32
FE. 7049	W. A. R. Atkinson	New Zealand	7/12/31
FE. 7155	A. W. Black	Address Wanted	12/9/32
FE. 7050	N. C. D. Brooke	Christchurch	15/2/32
FE. 6913	E. H. Brooks	Edinburgh	7/12/31
FE. 7022	J. E. F. Burn	Worthing	4/4/32
FE. 7110	E. N. Cady	London	12/9/32
FE. 7074	W. J. Cooke	Address Wanted	7/6/32
FE. 7007	C. Crane	Orpington	14/3/32
FE. 7002	V. N. Cutlack	Address Wanted	14/3/32
CO. 6918	F. S. Dinnis	Isle of Wight	7/12/31
FE. 7041	H. L. Elliott	Canada	15/2/32
FE. 6946	A. J. Gerard	Worthing	11/1/32
FE. 7112	A. K. Joiner	Inverness	12/9/32
FE. 7023	D. S. Kennedy	Cornwall	4/4/32
ME. 7119	W. H. Kirby	London	3/10/32
FE. 7101	H. Lund	Lyme Regis	12/9/32
FE. 7024	S. A. MacGregor	Address Wanted	11/1/32
ME. 7207	G. Mann	Maidstone	7/11/32
FE. 7056	H. H. Norman	Nr. Bourne	14/3/32
FE. 6956	S. Owen	Bridlington	11/1/32
FE. 6964	H. C. Rogers	Address Wanted	11/1/32
FE. 7114	R. J. Vogan	East Bolden	12/9/32
FE. 7156	R. M. Wallace	Dunure	7/11/32
FE. 7093	D. T. Williams	Ayrshire	7/6/32
FE. 6988	J. E. Wilson	Altrincham	15/2/32
FE. 7034	E. C. Younge	Devon	4/4/32

Education and Training

The post of Education and Training Officer was advertised in the national press and as a result interviews are now taking place and it is hoped that an appointment will be made shortly.

Every endeavour has been made to maintain the Education and Training function and the Professional Affairs & Education Committee met on several occasions. During the year a number of Training Schemes were considered amongst which the Lloyd's Register of Shipping Graduate Training Scheme for Chartered Engineer status was approved by the Institute.

The Institute continued to administer the Lloyd's Register of Shipping Scholarship Award and also its own awards and prizes. Educational grants were also awarded to students reading for degrees in Marine/Mechanical Engineering and also to those preparing for the D.O.T. Extra 1st Class Certificate.

In addition, the Institute's accreditation programme progressed and members will be pleased to learn that the Institute's submission to C.E.I. for the D.O.T. Extra 1st Class Certificate to receive continued exemption from the C.E.I. examination was approved, with a recommendation that a further review be made not later than 1986.

Memorial Building

The maintenance of the building is constantly under review and work has now begun on the refurbishment of the Mark Lane lift which it is hoped will be completed by late Autumn.

A President's office has been established on the second floor and plans are also underway to improve the air conditioning system in the Conference Centre.

At the request of members the memorial plaque erected in memory of the Engine Room Staff of the s.s. TITANIC was re-sited in the foyer, together with the Books of Remembrance containing the names of those serving in the Royal and Merchant Navies who gave their lives in the Second World War.

Annual Report of the Council for 1982

MEMBERSHIP TABLE

1 October 1981 to 30 September 1982

	Total B/F 30 Sept. 1981	Elected	Transfer		Reinstated	Resigned	Deceased	Lapsed	Total 30 Sept. 1982	Increase or Decrease
			To	From						
Fellows	6323	34	82	Nil	76	52	80	177	6206	-117
Members	6029	99	46	75	73	33	21	358	5760	-269
Associate Members	2066	264	106	30	39	16	3	162	2264	+198
Associates	755	105	8	60	13	7	3	71	740	-15
Consociates	2676	93	Nil	77	32	70	12	284	2358	-318
Companions	3	—	—	—	—	—	—	—	3	—
Honorary Fellows	3	—	—	—	—	—	1	—	2	-1
Past Presidents	2	—	—	—	—	—	—	—	2	—
Total	17,857	595	242	242	233	178	120	1052	17,335	-522

ANALYSIS OF MEMBERSHIP MOVEMENT 1 October 1981 to 30 September 1982

UNITED KINGDOM

	Elected	Transfer		Reinstated	Resigned	Deceased	Lapsed
		To	From				
Fellows	21	48	—	28	41	60	76
Members	51	25	43	25	23	15	146
Associate Members	117	72	16	11	9	2	57
Associates	58	6	38	4	5	1	25
Consociates	52	—	54	11	56	12	85
Total	299	151	151	79	134	90	389

OVERSEAS

	Elected	Transfer		Reinstated	Resigned	Deceased	Lapsed
		To	From				
Fellows	13	34	—	48	11	20	101
Members	48	21	32	48	10	6	212
Associate Members	147	34	14	28	7	1	105
Associates	47	2	22	9	2	2	46
Consociates	41	—	23	21	14	—	199
Total	296	91	91	154	44	29	663

ANALYSIS OF MEMBERSHIP CLASSES as at 30 SEPTEMBER 1982

	United Kingdom	Overseas	Address Wanted
Fellows	3,842	2,174	190
Members	3,650	1,965	145
Associate Members	1,147	1,078	39
Associates	417	299	24
Consociates	1,570	696	92
Companions	3	—	—
Total	10,629	6,212	490
Grand Total	17,331		

INSTITUTE MEMBERSHIP 1973-1982

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Corporate Members	15,371	15,301	14,938	14,783	14,270	14,068	13,181	12,702	12,352	11,966
Non-Corporate Members	6,247	6,344	6,253	6,190	6,080	6,211	5,611	5,562	5,497	5,362
Total	21,618	21,645	21,191	20,973	20,350	20,279	18,792	18,264	17,849	17,328

Annual Report of the Council for 1982

BRANCH MEMBERSHIP TABLE
as at 30 SEPTEMBER 1982

United Kingdom	Fellows	Members	Associate Members	Associates	Consociates	Totals
Aberdeen Maritime	78	100	27	10	40	255
Devon and Cornwall	134	152	61	29	64	440
Kingston Upon Hull and Humber	135	128	49	11	69	392
North East Coast	355	380	125	40	174	1,074
Northern Ireland Joint	80	49	27	12	24	192
North Midlands	86	99	35	13	57	290
North West England	471	420	140	57	217	1,305
Scottish	445	451	153	63	220	1,332
South East England	467	421	99	49	173	1,209
Southern Joint	412	380	151	46	123	1,112
South Wales	136	117	36	10	54	353
Western Joint	126	136	28	10	52	352
West Midlands	116	117	39	13	63	348

Overseas	Fellows	Members	Associate Members	Associates	Consociates	Totals
Eire—Cork	15	18	9	10	15	67
Eire—Dublin	27	38	14	4	25	198
Australia—Canberra	17	20	3	1	1	42
Australia—Newcastle	33	18	17	16	12	96
Australia—Queensland	74	72	34	15	30	225
Australia—Southern	25	24	7	6	6	68
Australia—Sydney	178	107	48	22	49	404
Australia—Victoria	118	96	35	13	36	298
Australia—Western	54	43	28	7	16	148
New Zealand—Auckland	91	73	24	17	8	213
New Zealand—South Island	36	10	9	2	6	63
New Zealand—Wellington	38	35	14	1	9	97
Egypt	25	9	5	1	2	42
Greek Joint	47	66	31	5	24	173
Hong Kong Joint	82	163	93	28	133	500
Malta Joint	16	3	12	—	1	32
Netherlands	71	32	22	4	7	136
Pakistan Joint	29	34	49	1	10	124
Singapore	43	149	124	27	86	429
Sri Lanka	6	15	33	7	11	72
U.S.A.—Eastern States	114	55	23	2	34	228

Media Division

The Division is responsible for organising the Learned Society activities of the Institute such as evening meetings, conferences and the library information service. The Division is also the Institute's publisher and publishes the Bulletin, MER, transactions and text books. Work can be undertaken in any of these fields on a repayment basis.

Publications available to members

Bulletin (published on the 24th of the preceding month).

The Bulletin is sent free without request to every member.

MER (published on the 10th of the month).

The MER is sent free on request *only* to those members who have completed and returned a reader survey form.

Preprints

Preprints are available two weeks before the meeting.

i) Evening Meetings

Members can register for the automatic despatch of each paper when available by writing to the Conference Officer. Alternatively single papers may be requested by telephone or letter.

ii) Conferences

Bound copies of the conference preprints are sold to delegates and to those who are unable to attend.

Transactions

Transactions which include the paper, the discussion and the author's reply are published six to eight months after the event.

i) Evening Meetings

One copy of each paper will be sent free on request. By writing to the Institute members can either register for the automatic receipt of all papers or they can apply for individual papers after they have been advertised in the MER.

ii) Conferences

Conference volumes containing the papers, the discussion and the authors' replies are sold to members and the public; the proceeds helping to offset the cost of the Conference.

Publications Policy

The Bulletin, the MER and the Transactions each has a separate role.

The Bulletin is the only publication which is sent to every member without request and is therefore the vehicle for keeping in touch with the membership; hence the reason why it mainly contains Institute and Branch news. It is also an economic vehicle for a Branch to communicate with its members by means of a Branch insertion in the Bulletin.

The MER was started in 1967 under the title of the Marine Engineers Journal with the aim of producing a lively journal which would not attempt to duplicate the detailed technical papers available in the transactions; it was also to have advertising. Since the birth of the Bulletin in 1981 the MER has only been sent to members on request. The editorial is therefore a compromise between the requirements of the Institute, the readers not all of whom are members and the advertisers who make an important financial contribution. Like most prestige journals MER is divided into multi-page articles and short news items; the latter appearing in self-contained sections under various headings to make it easier for each reader to find what interests him most. This is the best compromise between in depth treatment and covering a large number of items; the latter increases the chance that every reader will find something of interest. The MER reader survey form although unpopular with members provides the editor with useful information about the readership, allows readers to comment on the MER and most important from the advertisers point of view gives the publication a large "requested" circulation.

Over the last few years the cost of postage has increased more rapidly than other costs. In the case of the MER a copy now costs 29p to print and 27p to post hence the reason for economy and why the journal is on request only.

Annual Report of the Council for 1982

Meetings and Conferences

During the 1981/82 session fifteen papers were presented at afternoon and evening meetings. Due to disappointing attendance figures afternoon meetings have been discontinued and all the meetings will now start at 1730. Two joint meetings were held:—

- 1) A paper on Uncle John—A Semi-submersible Multi-purpose Support Vessel for Oil Exploration and Production by J. M. Houlder, CBE. Joint with the Society for Underwater Technology.
- 2) A paper on Behaviour of Damp Fine-grained Bulk Mineral Cargoes by P. V. Green and J. M. Kirby. Joint with the Royal Institution of Naval Architects.

The following conferences were organised:—

- 1) Conference on Refrigeration in Ships. Joint with the Institute of Refrigeration. 80 registrants.
- 2) Priorities for Reducing the Fuel Bill. Joint with the Nautical Institute and the Royal Institution of Naval Architects. 113 registrants.
- 3) Training and Distance Learning Onboard Ships. Joint with the Merchant Navy Training Board. 106 registrants.

The Papers Committee would like to receive suggestions for papers and conferences.

MER and Bulletin

This was the first complete year in which the MER and the Bulletin were sent out separately by accelerated surface post overseas, and bulk air mail in Europe. A further reader survey was carried out to update the last one, now over two years old. The results show that a small minority of members still object to having to fill in the request form for MER and they have been promised no further such MER forms for three years. Many members have commented favourably on MER and hardly any unfavourably. Many constructive suggestions have been received including a few complaints of late delivery, almost all of them from the Indian Ocean area.

The outstanding achievement of the year has been the increase of advertising revenue from £118,000 to about £150,000 in the face of considerable difficulties due to staff shortages and the depressed economic conditions. For the first time for several years the increase is well ahead of inflation.

On the other hand printing charges have been kept constant by negotiation in the face of inflation. Postage charges, however, have increased considerably.

Once again the editor would welcome far more cooperation from readers in the form of news items from their own countries and organisations; Branch news; letters to the editor and offers of articles. He also invited details of when publications arrive more than a month after publication (MER 10th, Bulletin 24th of the preceding month).

Candidates for Major Awards in the U.K.

Members were invited to submit names for major awards such as the annual Stanley Gray £1,000 prize and the MacRobert £25,000 award. There must be suitable candidates who have been involved either in the design of new ships or offshore work in the North Sea which the Institute does not know about.

The Institute's Stanley Gray award is made to the engineer or scientist achieving the highest distinction in a marine technology subject; an achievement, a significant technical paper or a book completed within the last 5 years qualify for the award.

Marine Text Books

The Institute would like to hear from potential authors and receive suggestions for new titles.

Library

The Library has developed further this year with over 1,000 new books added to stock. The new material reflects the growing interest in the commercial aspects of as well as technological developments in shipping. Almost half the library's book stock is now less than 4 years old.

Cayzer Irvine Shipping Limited generously donated a collection of technical reports to the Institute's library.

Technical Information Service

Automated Information Retrieval

It is appropriate that 1982, Information Technology Year, saw considerable technical advances of direct benefit to the information service. The Euronet telecommunications network is gradually being replaced by linked national networks which give wider coverage. The Institute's terminal now provides access to 42 computers and 360 databases in Europe alone. These databases contain a total of 60 million computer records and 3 million statistics on data trends.

The use of European services will result in significantly reduced costs. New European data services include the Dutch ship technology database "Marna", a database of ship descriptions entitled "Shipdes" and the joint Swedish and Norwegian "Ship Abstracts" database.

However the American Dialog system continues to be the largest supplier of computer data to the information service, but it is likely that European sources will be able to supply most of the Institute's requirements in the near future.

International Directory of Consultants and Technical Services

The first edition of the directory will be published at the end of 1982 and will contain entries from 120 consultants, testing laboratories and research and development organisations. Members wishing to submit entries for the second edition should contact the information service staff in the library.

Consultancy

Members of the information service staff were appointed as consultants to J. P. Kenny and Partners Ltd., to establish a company information department. This service is offered to other companies which are experiencing difficulties in obtaining or handling information. A fee is charged for the service.

AWARDS AND PRIZES

Silver Jubilee Medal

The fourth award of this medal was made in March 1982 to Lieutenant A. D. H. Mathews, R.N., the most outstanding Marine Engineer Officer in training at the Royal Naval Engineering College, Manadon.

The Denny Gold Medal for 1982

To Dr. J. Cowley, C.Eng., F.I.Mar.E., for his paper on "Steering Gear—New Concepts and Requirements".

The Institute's Silver Medal for 1982

To Dr. D. R. Blackmore, Dr. J. Eyre and Dr. G. G. Summers for their paper on the "Dispersion and Combustion Behaviour of Gas Clouds Resulting from Large Spillages of L.N.G. and L.P.G. on to the Sea".

The Stanley Gray £1,000 Award for 1982

To J. M. Houlder, C.B.E., for his work on the development of the semi-submersible multi-purpose support vessel for oil exploration and production, including his paper to the Institute on the Uncle John and further unpublished work on stress and corrosion in semi-submersibles.

W. W. Marriner Prize—Extra First Class Certificate 1981

Chooi Leng Oei, C.Eng., M.I.Mar.E.

W. W. Marriner Memorial Prize—Second Class Certificate 1981

David Arthur Inglesfield (Consociate).

Frank Roberts Award 1981

Yousuf Riaz Shaikh (Consociate)

Marine Engineer Cadet Prizes 1981

Higher National Diploma
Southampton College of Higher Education

First Year—C. A. Butler

Second Year—J. P. Elliot

Third Year—P. R. Davies

Annual Report of the Council for 1982

TEC Diploma in Marine Engineering :

Best Second Year Student

Neil McNaughton—Leith Nautical College.
Craig Robert Waters—Glasgow College of Nautical Studies.
Melvin Moore—Riversdale College of Technology.
C. A. Wearing—Hackney College (Poplar Centre).
Tom Devereux—Highbury College of Technology.
N. D. Shilling—Southampton College of Higher Education.
R. L. Bramham—Plymouth College of Further Education
Alborz Ghadirinia—Hull College of Higher Education.
Timothy John Martin—South Shields Marine and Technical College.
Nicholas Stewart Paton—South Glamorgan Institute of Higher Education.

Institute Grants for Education Purposes

During the year 12 supplementary grants were awarded as follows:—

Marine Degree Courses

Newcastle University — 2

Mechanical Degree Courses

Surrey University — 1

Bradford University — 1

Extra First Class Certificate Courses

Hackney College — 2

South Shields College — 6

GUILD OF BENEVOLENCE

Guild House continues to operate efficiently under the general direction of Mrs. Fryer. Two new permanent residents entered Guild House during the year and many guests had enjoyed pleasant holidays throughout the summer. Applications for advice or financial assistance had increased during the year.

The Committee would like to express their appreciation to the Branches for continuing to support the Guild by holding raffles at their annual dinner dances. The Charity Ball had been organised by the Guild for the first time, resulting in a profit of £2,500.

The number of guests had fallen slightly, but the generosity of the guests at the Ball and Companies donating had helped to increase the profit made on last year.

Cdr. E. C. Pidgeon, R.N. (President)

J. Stuart Robinson (Director and Secretary)

THE INSTITUTE OF MARINE ENGINEERS—ACCOUNTS

REVENUE ACCOUNT

YEAR ENDED 30 SEPTEMBER 1982

	1982		1981	
	£	£	£	£
Income				
From members' subscriptions, entrance fees and registration fees	536,178		500,517	
Sundry	5,165		3,311	
	<u>£541,343</u>		<u>£503,828</u>	
Less: Cost of Services Provided for Members				
Direct Expenditure on salaries and supplies:				
Technical Services:				
Publications (see A, page 15)	85,827		74,999	
Library	24,791		22,799	
Sessions and Conferences	21,998		13,844	
Education and Training	8,149		7,545	
	<u>140,765</u>		<u>119,187</u>	
Educational Grants and Prizes	6,401		6,150	
Professional Services:				
Council of Engineering Institutions and Engineers Registration Board	26,676		25,152	
Divisions and Branches	38,047		27,723	
Development including Public Relations	27,278		23,391	
	<u>239,167</u>		<u>201,603</u>	
Indirect Expenditure on salaries and supplies:				
Membership and Maintenance of Register	69,769		68,868	
Council and Committees	29,551		19,453	
	<u>99,320</u>		<u>88,321</u>	
Administration:				
Employers' Staff Costs....	118,973		124,662	
Overheads including Occupancy (see D, page 15)	300,422		248,998	
	<u>419,395</u>		<u>373,660</u>	
Less: Allocated to Other Income (see below)	42,754		40,791	
	<u>376,641</u>		<u>332,869</u>	
	<u>£715,128</u>		<u>£622,793</u>	
Excess of Expenditure over Income from Members	<u>173,785</u>		<u>118,965</u>	
Investment Income:				
Property (see B, page 15)	588,532		562,424	
Less: Interest on Mortgage and Unsecured Loan (see Balance Sheet, Note 1)	66,393		97,892	
	<u>522,139</u>		<u>464,532</u>	
Dividends and Interest	44,962		34,605	
	<u>567,101</u>		<u>499,137</u>	
Surplus on Books and Technical Papers sold to Non-Members (see A, page 15)	27,841		33,493	
Net Deficit on Social Events (see C, page 15) (1981—net surplus)	(6,470)		1,128	
Adjustment arising from Foreign Exchange fluctuations—Surplus (1981—Deficit)	150		7,975	
	<u>588,622</u>		<u>541,733</u>	
Less: Administration Costs—see above	42,754		40,791	
	<u>545,868</u>		<u>500,942</u>	
Less: Provision against stocks	372,083		381,977	
	<u>10,000</u>		<u>13,500</u>	
Surplus for the year before appropriations	<u>£362,083</u>		<u>£368,477</u>	

THE INSTITUTE OF MARINE ENGINEERS—ACCOUNTS

REVENUE ACCOUNT—ADDITIONAL INFORMATION

YEAR ENDED 30 SEPTEMBER 1982

A) Publications	1982			1981		
	Publications and Technical Papers provided free to members £	Books and Technical Papers sold to members £	Books and Technical Papers sold to non-members £	Publications and Technical Papers provided free to members £	Books and Technical Papers sold to members £	Books and Technical Papers sold to non-members £
Direct Costs on salaries and supplies	256,530	12,370	86,753	209,004	21,449	41,928
Less: Advertisement and other revenue	170,563	—	—	129,310	—	—
Sales and other revenue	—	12,510	114,594	—	26,144	75,421
Net Cost	85,967	—	—	79,694	—	—
Contribution	—	140	27,841	—	4,695	33,493
Charge to Revenue Account—Publications, Technical Papers and Books distributed or sold to Members	£85,827			£74,999		
Surplus to Revenue Account—Books and Technical Papers sold to Non-Members		£27,841			£33,493	
B) Property		Rental Income and Service Rents £	Conference Centre £		Rental Income and Service Rents £	Conference Centre £
Income		755,545	242,486		709,328	180,196
Less: Associated Costs						
Employers' Staff Costs		81,209	17,823		74,767	16,496
Services and Supplies		163,507	146,960		132,803	103,034
		244,716	164,783		207,570	119,530
		510,829	77,703		501,758	60,666
Surplus to Revenue Account		£588,532			£562,424	
C) Social Events		£	£		£	£
Income			47,372			51,386
Less: Associated Costs						
Employers' Staff Costs		8,460			6,316	
Services and Supplies		45,382			43,942	
			53,842			50,258
Net Deficit to Revenue Account (1981—Net Surplus)			£6,470			£1,128
D) Overheads including Occupancy		£	£		£	£
Costs of Occupancy:						
Rates		96,440			73,772	
Insurances		10,171			7,955	
Depreciation, Repairs and Maintenance		22,226			24,524	
Light, Heat and Cleaning		27,047			25,492	
			155,884			131,743
Bank Charges			1,333			1,329
Legal and Other Professional Charges			25,199			17,596
Post, Telephone and Telex			39,730			30,044
Printing and Stationery			20,621			16,223
Travel and Entertaining			26,374			29,630
Sundry Expenses			31,281			22,433
			£300,422			£248,998

Legal and other professional charges include Audit Fees of £10,500 (1981—£9,600)

The total Employers' Staff Costs in the Revenue Account have been allocated as under:

	1982	1981
	£	£
Publications	79,146	74,776
Administration	118,973	124,662
Other Direct and Indirect Expenditure for Members	144,780	123,836
Property	99,032	91,263
Social Events	8,460	6,316
	£450,391	£420,853

THE INSTITUTE OF MARINE ENGINEERS—ACCOUNTS

APPROPRIATION ACCOUNT

YEAR ENDED 30 SEPTEMBER 1982

	Balance Sheet Notes	1982		1981	
		£	£	£	£
Surplus brought forward from Revenue Account			362,083		368,477
Profit on sale of Investments and Fixed Assets (1981—Net Loss)			17,169		616
			379,252		367,861
Donation to the Guild of Benevolence		7,500		5,250	
Appropriations:					
Capital Fund—Mortgage Repayment	5	15,000		15,000	
Capital Development Fund	6	214,970		195,124	
Leasehold Redemption Fund	7	50,000		28,000	
Property Maintenance Reserve Fund	8	60,000		60,000	
			347,470		303,374
Unappropriated Surplus for the year			31,782		64,487
Balance on Reserve Fund at 1 October 1981			179,231		114,744
Balance on Reserve Fund as at 30 September 1982			<u>£211,013</u>		<u>£179,231</u>

THE INSTITUTE OF MARINE ENGINEERS—ACCOUNTS

BALANCE SHEET

30 SEPTEMBER 1982

	Notes	1982		1981	
		£	£	£	£
Investments:					
Leasehold Property	1	1,777,870		1,547,900	
Quoted Securities	2	165,483		145,031	
Cash held for Investment		25,422		29,760	
			1,968,775		1,722,691
Fixed Assets:					
Fixtures, Fittings and Equipment	3		50,674		41,280
			2,019,449		1,763,971
Assets held in respect of Leasehold Redemption and Property Maintenance Reserve Funds					
Investments		103,994		—	
Cash		128,168		110,000	
			232,162		110,000
			2,251,611		1,873,971
Less: Net Current Liabilities	4		14,241		20,515
			<u>£2,237,370</u>		<u>£1,853,456</u>
Financed by:					
Capital Fund	5	647,426		632,426	
Capital Development Fund	6	1,136,722		921,752	
			1,784,148		1,554,178
Leasehold Redemption Fund	7	105,529		50,000	
Property Maintenance Reserve Fund	8	126,633		60,000	
			232,162		110,000
Reserve Fund		211,013		179,231	
Development Fund		10,047		10,047	
			221,060		189,278
Awards Funds	9	80,283		73,296	
Less: Investments and Cash held		80,283		73,296	
			<u>£2,237,370</u>		<u>£1,853,456</u>

Cdr. E. C. PIDGEON, R.N. (*President*)

J. McNAUGHT, (*Honorary Treasurer*)

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

We have examined the Accounts and Notes set out on pages 14 to 19. These have been prepared under the historical cost convention and as indicated in Note 10 fully incorporate the income and expenditure of the wholly owned operating subsidiary company for the year ended 30 September 1982 and the assets and liabilities thereof at that date.

Subject to the foregoing, in our opinion the aforesaid Accounts and Notes give a true and fair view of the state of affairs of The Institute of Marine Engineers as at 30 September 1982 and of the income and expenditure for the year ended on that date.

Lee House,
London Wall,
London EC2Y 5AX.
30 November, 1982

FINNIE ROSS ALLFIELDS,
Chartered Accountants.

THE INSTITUTE OF MARINE ENGINEERS—ACCOUNTS

NOTES TO THE ACCOUNTS

YEAR ENDED 30 SEPTEMBER 1982

1) Leasehold Property	1982		1981	
	Expendi- ture to 30.9.74	Extension and Mod- ernisation	Expendi- ture to 30.9.74	Extension and Mod- ernisation
76, Mark Lane, London, held on a lease expiring in 2057.				
At cost of construction and additions to 30th September 1981 Adjustment in respect of provisions no longer required	£ 701,148 —	£ 1,434,008 5,063	£ 701,148 —	£ 1,443,786 9,778
Add: Additions during year	701,148 —	1,428,945 15,131	701,148 —	1,434,008 —
Less balance of: Mortgage secured thereon and repayable in annual instalments of £15,000 Unsecured Loan received from merchant bank	701,148 60,000 —	1,444,076 — 307,354	701,148 75,000 —	1,434,008 — 512,256
As at 30 September 1982	£641,148	£1,136,722	£626,148	£921,752
	<u>£1,777,870</u>		<u>£1,547,900</u>	
Movement of unsecured loan	£	£	£	£
Balance at 30 September 1981		512,256		717,158
Interest charged in year	62,733		93,688	
Less: Interest paid in year	62,733		93,688	
		—		—
		512,256		717,158
Less: Capital repayments during the year		204,902		204,902
Balance at 30 September 1982		<u>£307,354</u>		<u>£512,256</u>

- a) Under the revised terms of the loan from the merchant bank, repayment is due by half yearly instalments of **£51,225**. Notwithstanding this, the Institute repaid an additional **£102,452** in the year to 30 September 1982.
- b) No amortisation has been provided on the leasehold property.
- c) In accordance with a valuation dated 11 November 1982 in the opinion of Baker Harris Saunders the capital value of the Institute Leasehold as at 30 September 1982 was not less than **£11,300,000** (1981—£8,500,000) for Balance Sheet purposes. This valuation assumes that the property will continue to be held by the Institute as an investment and to provide accommodation for the running of its day to day business.

2) Quoted Securities
 These consisted of Gilt Edged Stocks, Unit Trusts and Equities at cost. They have been valued at 30 September 1982 at middle market prices and on this basis the market value at that date was **£81,822** above their cost. (1981—£44,985 above their cost).

3) Fixtures, Fittings and Equipment	1982		1981	
	Cost	Aggregate Deprecia- tion	Cost	Aggregate Deprecia- tion
At 30 September 1981	£ 116,642	£ 75,362	£ 112,596	£ 64,248
Additions during year	25,413	—	4,046	—
Disposals during year	(3,387)	(2,540)	—	—
Depreciation charged to Revenue Account	138,668 —	72,822 15,172	116,642 —	64,248 11,114
Net Book Value	£138,668	£87,994	£116,642	£75,362
	<u>£50,674</u>		<u>£41,280</u>	

Depreciation has been provided on a straight line basis at rates of 15% to 25% per annum to write off these assets over the period of their estimated useful lives.

THE INSTITUTE OF MARINE ENGINEERS—ACCOUNTS

NOTES TO THE ACCOUNTS (continued)

YEAR ENDED 30 SEPTEMBER 1982

4) Net Current Liabilities

	1982		1981	
	£	£	£	£
Stocks—at lower of cost and net realisable value	43,063		52,312	
Debtors and Prepayments	222,770		214,945	
Cash—at Bank, in hand and with agents in the United Kingdom	83,831		40,474	
—held overseas	17,046		25,060	
—held for anticipated expenditure	85,269		—	
		451,979		332,791
Less: Creditors	316,742		284,397	
Subscriptions in advance	64,209		68,909	
Anticipated expenditure fund	85,269		—	
		466,220		353,306
		£14,241		£20,515

The Sterling equivalent of assets held abroad has been calculated in accordance with the official rates of exchange ruling on 30 September 1982.

5) Capital Fund

	1982	1981
	£	£
At 30 September 1981	632,426	617,426
Add: Appropriations	15,000	15,000
At 30 September 1982	£647,426	£632,426

6) Capital Development Fund

	1982	1981
	£	£
At 30 September 1981	921,752	726,628
Add: Appropriation	214,970	195,124
At 30 September 1982	£1,136,722	£921,752

The Capital Development Fund represents the total expenditure incurred to 30 September 1982, less the outstanding loan from the merchant bank as at that date (see Note 1).

The appropriation represents the capital repayments made during the year to the merchant bank (£204,902) and the additions during the year (£15,131) less the adjustment in respect of provisions no longer required (£5,063).

7) Leasehold Redemption Fund

	1982	1981
	£	£
At 30 September 1981	50,000	22,000
Add: Appropriation	50,000	28,000
Interest received during the year	5,529	—
	£105,529	£50,000

During the year £103,994 was invested in Gilt Edged Stocks. They have been valued at 30 September 1982 at middle market prices and on this basis the market value at that date was £1,860 above their cost.

8) Property Maintenance Reserve Fund

	1982	1981
	£	£
At 30 September 1981	60,000	—
Add: Appropriation	60,000	60,000
Interest received during the year	6,633	—
At 30 September 1982	£126,633	£60,000

9) Awards Funds

	INCOME ACCOUNTS			CAPITAL BALANCES TOTAL	
	Balances 30.9.81	Income Expenditure		Balances 30.9.82	
	£	£	£	£	£
Ackroyd Stuart	592	124	50	666	1,366
W. W. Marriner	2,290	613	230	2,673	6,400
Denny Gold Medal	311	155	67	399	1,134
Extra First Class Certificate	(578)	35	—	(543)	(107)
Frank Roberts	11	32	20	23	244
Percy Jackson Diesel Engine	505	158	100	563	1,517
William Theodore Barker	4,109	744	—	4,853	7,853
Stanley W. H. Gray	27,629	6,593	1,000	33,222	61,876
	£34,869	£8,454	£1,467	£41,856	£38,427
					£80,283

The assets representing the Awards Funds comprise Cash £5,231 (1981—£5,626) and Quoted Securities at cost £75,053 (1981—£67,670).

The Quoted Securities, which are Gilt Edged Stocks, have been valued at 30 September 1982 at middle market prices and on this basis their market value at that date was £3,746 above their cost (1981—£17,962 below their cost).

10) Subsidiary Companies

The Accounts include the results for the year to 30 September 1982 of the wholly owned operating subsidiary.

The subsidiary companies, which are both registered in England, are:—

Marine Management (Holdings) Limited.

Marine Activities Management Limited—did not trade during the year.

