

## Annual Reports of the Branches

### HOME

#### DEVON AND CORNWALL

There has been an increase of 12 in the number of members in the Branch and the total now stands at 297.

Four senior meetings were held in Plymouth and one senior and one junior meeting in Falmouth during the year. The average attendance at the senior meetings was 40, which is an increase of 5 over the previous year. The junior meeting in Falmouth was well supported, 55 people being present.

Committee meetings have been held monthly except during the summer. Mr. A. J. Weddle was co-opted to the Committee in November to represent the marine engineering students at Plymouth) and Dame Joan Vickers, M.P.

The Second Annual Dinner Dance was held at the Royal Naval Engineering College, Manadon, on 19th February when 125 members and guests had a most enjoyable evening. The principal guests on this occasion were A. H. Wilson, Esq. (Member of Council), A. E. Franklin, Esq. (Assistant Secretary) and their ladies, Alderman P. D. Pascho (Lord Mayor of Plymouth) and Dame Joan Vickers, M.P.

A new social activity—a cheese and wine party—was held at the Plymouth Guildhall on 28th October when a total of 114 attended, 35 of whom were members. This was a very enjoyable occasion and it has been agreed that it should be repeated. Although it was not intended as a profit making event, the sum of £14 was made, and was divided equally between the Aberfan Disaster Fund and the Guild of Benevolence.

H. Vickerstaff (*Chairman*)  
W. Farrell (*Honorary Secretary*)

#### *Annual General Meeting*

The Seventh Annual General Meeting was held at the Duke of Cornwall Hotel, Plymouth, on Tuesday, 10th January 1967. Mr. H. Vickerstaff was in the Chair. The Local Vice-President, Capt. J. G. Little, O.B.E., R.N., and twenty members were present. Apologies for absence were received from several members, including Mr. N. W. Jephcott, M.A. (Corresponding Member, Falmouth) and Mr. S. Walker (Chairman-elect) who said in his letter of apology that he very much appreciated the privilege accorded to him by the members of the Committee in electing him Chairman of the Branch for 1967 and he looked forward to his year of office. Mr. Walker said that he would do all in his power to forward the aims and ideals of the Institute.

Commander W. Farrell, M.B.E., R.N., Honorary Secretary, read the Annual Report for 1966, which had previously been circulated to the members. On the proposal of Mr. R. M. Nicholson, seconded by Lt. Cdr. D. H. Lang, R.N., the Report was unanimously adopted.

The Honorary Treasurer, Cdr. R. T. Jones, O.B.E., D.S.C., R.N., presented the Financial Statement and Balance Sheet which was unanimously adopted.

The Chairman thanked the members of the Committee for their support during the year. He expressed the hope that more members would attend the technical meetings. Mr. Vickerstaff

mentioned that the Committee were keen to take a more active look at matters relating to the Council of Engineering Institutions and that Captain Little would be giving this matter attention in the near future with his counterparts in other constituent institutions. He wished Mr. Walker and the new Committee every success in the year ahead. He then handed over the Chair to the Local Vice-President.

From the result of the ballot it was announced that A. Ellison, Lieut. N. A. C. Hughes, R.N., Eng. Cdr. M. B. Jermyn, R.N., and A. J. Weddle had been elected. The Committee for 1967 would therefore be as follows:

Local Vice-President, Plymouth:  
Captain J. G. Little, O.B.E., R.N.  
Corresponding Member, Falmouth:  
N. W. Jephcott, M.A.

Chairman of Committee: S. Walker

Committee: W. E. B. Dainton  
Lt. Cdr. R. A. A. Dean, R.N.  
Lt. Cdr. P. R. Eddey, R.N.  
A. Ellison  
M. J. Gilbert  
Lieut. N. A. C. Hughes, R.N.  
Eng. Cdr. M. B. Jermyn, R.N.  
Lt. Cdr. D. H. Lang, R.N.  
D. R. S. Rabley  
A. J. Weddle

Honorary Secretary: Cdr. W. Farrell, M.B.E., R.N.

Honorary Treasurer: Cdr. R. T. Jones, O.B.E.,  
D.S.C., R.N.

Captain Little made a brief general survey and mentioned the following points. He felt that the duties of the Local Vice-President should be clearly laid down. He also thought that the present method of selecting a Chairman-elect early in the year was ideal. Mr. Vickerstaff and Mr. Walker had worked well together. He noted that the attendance at trade union meetings averaged about 15 per cent which was an interesting thought. He regretted that no members from Falmouth were present at the meeting which was all the more disappointing as there had been an allowance for transport during the year.

Captain Little said that again in 1967 they would face the challenge of C.E.I. Much thinking was required about this. Those who were members of more than one institution had their loyalties to consider. Although communication between the various constituent members of C.E.I. was difficult at the moment, they would make every effort to improve it.

Captain Little thanked the Committee for its efforts during the year, in particular the retiring Chairman and the Honorary Secretary and Honorary Treasurer.

Those present at the meeting agreed that another cheese and wine party should be organized in March or April. It was thought that possibly if the lectures had more local interest attendance at meetings might increase. The Honorary Secretary said that consideration would be given to this point by the



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Committee when the lectures for the next session were being considered.

After an interval a lecture entitled "Materials Used in Nuclear Engineering" was given by Dr. B. R. T. Frost, B.Sc.

Dr. Frost was introduced by the Local Vice-President.

The members considered that this lecture was excellent.

The lecturer gave a very clear account of his subject and with the aid of slides showed how a complex and most difficult problem had to be tackled. The variety of questions he answered at question time showed the keen interest of the audience and the vote of thanks which followed, as endorsed by the members, left no doubt in Dr. Frost's mind how much his lecture was appreciated.

The meeting closed at 10.15 p.m.

### KINGSTON UPON HULL AND HUMBER AREA

1966 has been a notable year in the progressive development of the Branch. Membership has increased slightly to 414. The registration system has been discontinued.

All lecture meetings had been of a high standard including some new and outstanding papers. Attendance had dropped slightly but this had been consistent throughout the year. The average attendance was forty-six (which is eleven per cent of the total membership) and was made up of thirty members and sixteen visitors. The attendance at the junior meeting was fifty-six. Six senior meetings and one junior meeting were held. The lecture held in November was the second joint meeting with the Royal Institution of Naval Architects. This attracted wide interest, even from overseas, but the attendance by naval architects was disappointing.

Six full Committee meetings were held during the year with an average attendance of eleven out of a possible fourteen.

Two social functions were held during the year, namely, the Third Dinner Dance at the Royal Station Hotel, Hull, on Friday, 1st April, when 200 were present, and the Sixteenth Annual Dinner at the Guildhall, Hull, on Friday, 4th November, when a record number of 228 members and guests was present. This occasion was honoured by the presence of the Lord Mayor of Kingston upon Hull, Alderman R. W. Buckle, J.P., and the President of the Institute, Sir Stewart MacTier, C.B.E., B.A.

One notable works visit was held during the year, jointly with the North Midlands and Merseyside and North West England Branches. This was to Yorkshire Imperial Metals, Ltd., at Leeds on Wednesday, 18th May, and was unique in that members' ladies could also attend. A coach party travelled from Hull and during the afternoon the ladies visited Temple New-sam House. Later in the year the Chairman of the Branch on behalf of the three Branches presented a plaque to the company to record the visit.

During the year the Yorkshire Committee became a fully constituted Local Committee of the Council of Engineering Institutions. This Committee met five times and held its inaugural function at Leeds on Monday, 17th October, when 850 Chartered Engineers from all over Yorkshire and North Lincolnshire attended. A coach party of thirty travelled from Hull and thirty-five Branch members travelled by car. Also in connexion with the Yorkshire Committee the Branch supervised a Careers Exhibition, "Technology To-day", at the Kingston High School, Hull, on Monday, 16th May.

An additional feature of work undertaken by the Branch is the appointment of Mr. R. L. Rawlings and Mr. G. A. Skelton, M.B.E., to serve on the Engineering Advisory Committees at the Colleges of Technology in Grimsby and Hull, respectively. Mr. E. Barnett is now the Branch representative for the Institute of Marine Engineers Guild of Benevolence.

The Branch interviewed students for both the Lloyd's Register of Shipping Award and the *Sir Winston Churchill* Award. Mr. C. J. Bowns attended the former, but although selected by the Branch, Mr. E. R. Wheeldon was not successful for the *Sir Winston Churchill* Award, when final selection was made in London. The F.C.M. Heath Memorial Prize

awarded by the Branch for Pre-Sea Marine Engineering was received by Mr. A. Lyons. Other awards to Branch students will be listed in the March 1967 issue of the Student Transactions.

Nomination forms for the election of the Committee were issued in December and by the closing date thirteen had been nominated as follows: Messrs. G. W. Brown, J. Campbell, A. Clapham, S. Crosby, P. Curtis, P. H. V. Evers, A. T. Hogan, J. Jackson, A. Oliver, H. M. Pearson, O.B.E., F. N. Sutcliffe, W. E. Taylor, P. V. Turner.

G. A. Skelton (*Chairman*)

D. A. Taylor (*Honorary Secretary*)

### Annual General Meeting

The Sixteenth Annual General Meeting of the Branch was held at the Royal Station Hotel, Kingston upon Hull, on Thursday, 2nd February 1967, at 7.30 p.m. Mr. G. A. Skelton, M.B.E., took the Chair and there were thirty-five members present. A number of apologies for absence were received.

The Minutes of the Fifteenth Annual General Meeting were read and adopted. Under the heading "Matters arising from the Minutes", the Honorary Secretary said that he had used the assistance of a firm offering typing services but this had only helped in a limited way.

The Honorary Treasurer's report was then received and Mr. Kemp first clarified a number of points on the Social Account of the Branch. The Account of Branch expenses then provoked considerable discussion when Mr. Mathews asked why the Branch had contributed to the Yorkshire Committee of C.E.I. when a recent Council decision had stated to the contrary. The Honorary Secretary explained at some length the development of the Yorkshire Committee and that there had been a change in C.E.I. policy regarding finance which had left the Yorkshire Committee "high and dry" with a major function on its hands. The £5 which had been contributed was in the way of a float and had been approved by the Director and Secretary of the Institute. The Honorary Secretary stated that the Committee had agreed on the new subscription rate of £5 plus £1 per 100 members per year (£9 in total) and that it was intending to pay this during the coming year and had not received direction to the contrary. In the discussion following it was agreed that the Committee had acted in good faith and that Mr. Mathews would raise the matter at the next Council Meeting. The Treasurer's report was then adopted.

The Honorary Secretary presented his Report and stated that 1966 had been a notable year in the progressive development of the Branch. He drew attention to the new items of work which had been undertaken and also to the only matter of concern which was that the attendance at lecture meetings, although still good, had fallen slightly. After clarifying several Meeting. The Treasurer's Report was then adopted.

In his remarks the Chairman thanked all who had worked hard, particularly for the social functions. His only criticism was that he felt the Dinner Dance should be better supported. Mr. G. W. Hill, M.B.E., then proposed a vote of thanks to the Chairman and his Officers for an excellent year. This was agreed with acclamation.

The election of the new Committee then followed and Messrs. A. C. Coward, M.B.E., and A. Holmes were appointed as Scrutineers. A record number of ballot papers (ninety-two) had been returned and the result showed that Messrs. J. Campbell, P. Curtis, P. H. V. Evers, A. T. Hogan and F. N. Sutcliffe had been elected.

Mr. A. W. Kemp and Mr. D. A. Taylor were then re-elected Honorary Treasurer and Honorary Secretary, respectively, and Messrs. H. T. Eckles and C. R. Maddick were re-elected as Honorary Auditors.

At this point Mr. A. W. Kemp raised the matter of an Assistant Honorary Secretary to help with the increasing amount of work being undertaken by the Branch and also to make the succession to the office of Honorary Secretary easier. The Honorary Secretary was asked for his views and he stated that he



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accepted the idea but would prefer that the appointment should be made by the Annual General Meeting in order to give the office substance and to enable work to be delegated officially. It was then agreed that the Honorary Secretary write and place the suggestion before the Council that the Rules for the Formation and Operation of Home Branches be altered to include the office of Assistant Honorary Secretary should the Branches wish to appoint one.

Under the item "Any other business" discussion included The Engineers' Guild, the function of the Local Committee of C.E.I., future visits to be made by the Branch, including a visit to the Memorial Building, and a report by Mr. R. L. Rawlings on the work of the Grimsby College of Technology Engineering Advisory Committee. The Branch Committee was also asked to consider the possibility of a carved notice board to record office holders since the formation of the Branch.

In a Committee meeting immediately after the Annual General Meeting Mr. R. L. Rawlings was elected Chairman and Mr. A. W. Kemp Vice-Chairman for 1967.

The newly elected Committee is therefore as follows:

Chairman: R. L. Rawlings  
Vice-Chairman: A. W. Kemp  
Committee: E. Barnett  
J. Campbell  
A. C. Coward, M.B.E.  
P. Curtis  
P. H. V. Evers  
J. H. Harbottle  
A. T. Hogan  
L. W. Hornshaw  
J. N. McCreddie  
G. A. Skelton, M.B.E.  
F. N. Sutcliffe

Honorary Secretary: D. A. Taylor  
Honorary Treasurer: A. W. Kemp  
Honorary Social Secretary: G. D. Moore

### NORTH EAST COAST

Seven meetings of the Branch were held during the year, one of them jointly with the North East Coast Branch of the Institution of Mechanical Engineers, The North East Coast Institution of Engineers and Shipbuilders and the Institution of Gas Engineers, and another to which members of the Northumberland and Durham Section of the Institution of Fire Engineers were invited. The average attendance at these meetings was 129, which is a considerable increase over the previous year.

The number of members in the Branch area has decreased slightly and is now 1152. The decrease is mainly in the Student and Probationer Student grades. There is, however, a large number of junior members under training in South Shields who are not included in the North East Coast Branch figures because their registered addresses are not within the Branch area.

The Annual Dinner and Dance was held at the Seaburn Hotel, Sunderland, on Friday, 21st January. The Vice-Chairman of Council, Mr. R. R. Strachan, and the Assistant Secretary (Technical), Mr. A. E. Franklin, and Mrs. Franklin were among the guests.

Two meetings of the Golfing Society have been held. The winners of the singles competitions being S. Watson and R. B. Nicholson, and of the Greensome Competitions R. B. Nicholson and S. Watson, and C. J. Probert and G. Bowmer. One golf match against the North East Coast Institution of Engineers and Shipbuilders was played and was won by that Institution by 3½ to 1½ matches.

Co-operation with other professional institutions in the area which was reported to have increased last year has increased still further this year.

The North East Coast Branch appointed the Chairman and Honorary Secretary as representatives to discuss the forma-

tion of the C.E.I. North Eastern Region Local Committee. At a meeting on 13th June 1966, it was agreed that a draft memorandum should be prepared by the North East Branch of the Institution of Mechanical Engineers for the formation of such a committee. Ten constituent institutions were represented and interested observers were present.

A. W. Bell (*Chairman*)

A. J. S. Bennett (*Honorary Secretary*)

### Annual General Meeting

The Annual General Meeting of the Branch was held at the University of Newcastle upon Tyne, on Thursday, 26th January 1967. Mr. A. W. Bell, B.Sc., took the Chair and with approval signed the Minutes of the previous meeting. The Honorary Secretary presented the Annual Report, which included the report for the Golfing Society (Mr. P. N. Winter having left the area). On the proposal of Mr. J. F. Butler, M.A. seconded by Mr. E. P. Crowdy, V.R.D., M.A., the report was unanimously accepted. The Honorary Secretary mentioned that the Branch was a member of the recently formed Northern Local Committee of the Council of Engineering Institutions.

The Honorary Treasurer presented the Annual Accounts and drew attention to the large credit balance. On the proposal of Mr. A. W. Jones, B.Sc., seconded by Mr. G. Yellowley, the Accounts were unanimously accepted. Mr. Bell suggested that the Honorary Secretary should be asked to write a letter of appreciation to the University for the facilities offered for meetings, with what appeared to be no charges for the hire of the Lecture Room. This was approved.

Mr. Bell then proposed a warm vote of thanks to the retiring Honorary Secretary, Mr. A. J. S. Bennett, M.B.E., for his work during six years in office, which was endorsed with acclamation. The Chairman then welcomed the new Committee members, Mr. A. J. S. Bennett, M.B.E., Professor G. H. Chambers, D.S.C., M.Sc., and Mr. P. Henry, stating that the Committee would consist of thirteen members and that another two might be co-opted in due course. The Chairman also welcomed the new Chairman, Mr. J. F. Butler, M.A., and the new Honorary Secretary, Mr. T. Matthews, and explained that the Branch policy was to make the effective change-over date for these officers the day of the last meeting of the Session (13th April 1967 on this occasion).

A vote of thanks to the retiring Committee members, Mr. S. Reay, Mr. B. Taylor, B.Sc., and Mr. G. H. Turner, was passed and endorsed with warm applause.

The Honorary Secretary was directed to write a letter of appreciation to Mr. E. C. Cowper, Vice-President and founder member of the Branch, who had now left the area, for his excellent work for the Branch.

The Committee for 1967 is as follows:

Local Vice-President, Tees-side: C. W. Herbert

Chairman: A. W. Bell, B.Sc. (until 13th April)

J. F. Butler, M.A. (from 13th April)

Committee: A. J. S. Bennett, M.B.E.

Prof. G. H. Chambers, D.S.C., M.Sc.

J. E. Church (Member of Council)

E. P. Crowdy, V.R.D., M.A.

A. E. Dean

W. Embleton, O.B.E.

W. Francis

P. Henry

A. W. Jones, B.Sc.

W. Nicholson

J. Orange, M.B.E., J.P.

D. Purves

C. Wappett

G. Yellowley

Honorary Secretary: T. Matthews

Honorary Treasurer: R. McDonald, B.Sc.

The meeting closed at 6.20 p.m.



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Mr. A. W. Bell then introduced the speaker, Mr. A. Rose, B.Sc. (Associate Member), mentioning that Mr. Rose received training under the Alternative Training Scheme for Marine Engineers at the Marine and Technical College, South Shields and read for his degree at the University of Newcastle upon Tyne, and was now Manager, R. and D. Department, Michell Bearings Ltd., Newcastle upon Tyne.

Mr. Rose devoted 45 minutes to the presentation of his paper, after which a very lively and searching discussion ensued by a distinguished audience.

There was an unusually large number of knowledgeable points raised which Mr. Rose handled with conspicuous skill. Contributors were Capt. N. J. H. D'Arcy, R.N., (Member of Council), Mr. J. F. Butler, M.A., Mr. R. J. Hook, Mr. R. Coats, Mr. B. Taylor, B.Sc. and others. The Chairman was obliged to close the meeting on time at 8.30 p.m. with a hearty vote of thanks to Mr. Rose, for an excellent paper.

### NORTH MIDLANDS

There has been a very slight decrease in the membership during the current year, and the total now stands at 354.

Two meetings at which technical papers were read have been held, and members of the Branch have visited the Chesterfield Tube Co. Ltd., Ferrybridge "C" Power Station, British Rail Research Department, and also jointly with their ladies and members of the Kingston Upon Hull and Humber Area and North West England Branches, the Yorkshire Imperial Metals works at Leeds. The appreciation of the members of the three Branches was shown in a practical manner by the presentation of a plaque bearing the Institute's coat of arms to the Managing Director of Yorkshire Imperial Metals by Mr. G. A. Skelton, M.B.E. (Chairman, Kingston Upon Hull and Humber Area Branch) and Mr. H. V. Campbell (Chairman North Midlands Branch). The average attendance at Branch functions has been approximately 40.

On 17th October, sixty-five members attended the inaugural function of the Yorkshire Committee of the Council of Engineering Institutions when a lecture entitled "North Sea Gas" was given at the Queens Hotel, Leeds. This support was notable as the total attendance of engineers from all fourteen constituent institutions of the Council of Engineering Institutions was 860. The total number of applications for tickets for this occasion exceeded 2500.

The Committee's appreciation is expressed to the two lecturers, in particular to Mr. J. A. Green (a Committee member) who gave a paper on "Package Boilers" at extremely short notice. He has now left the area and his active support will be missed.

In closing the report, the Honorary Secretary paid tribute to the Chairman and members of the Committee for their support during the year, and in particular Mr. H. V. Campbell (Chairman), Mr. F. A. Hay, Mr. J. C. Proudfoot and Mr. A. Ramage the retiring members.

H. V. Campbell (*Chairman*)

G. Wilkinson (*Honorary Secretary*)

### Annual General Meeting

The Seventh Annual General Meeting of the Branch was held on Wednesday, 18th January 1967, in Sheffield.

Mr. H. V. Campbell was in the chair and twelve members were present.

The Annual Report and Financial Statement were presented and approved.

The Chairman in his address thanked the members of the Committee for their support during his term of office and was pleased by the continued interest members had shown by

their attendance at the events of the Branch which covered a wide area.

A vote of thanks to the Chairman for his work on behalf of the Branch was proposed by Mr. G. Prentice and carried by acclamation.

The constitution of the Committee for 1967 is as follows:

Chairman: G. Prentice

Committee: J. W. Batey

D. G. Caley

G. Cokayne (co-opted)

P. E. Guymer

A. M. Jarvis, B.Sc.

D. Queening

F. H. Soppitt

F. Wilson (co-opted)

Honorary Secretary: G. Wilkinson

Honorary Treasurer: Y. Arakie

After the official business of the meeting was concluded the members were given an informal talk by the retiring Chairman on the work of Lloyd's Register of Shipping which was followed by questions.

Mr. J. W. Batey gave an illustrated talk on the work of "Smoke Control"—a most topical subject as was shown by the members in the informal discussion which followed.

### NORTH WEST ENGLAND

The membership figures as this year ends total 1801, which is a decrease of 22 on the previous year.

On the whole attendances at senior meetings in both Liverpool and Manchester have been very good, but it is felt there should be an improvement in the number of younger members attending.

Six senior meetings were held in the Conference Room of the Mersey Docks and Harbour Board. In addition one meeting was held in conjunction with "Ladsirlac", and at the invitation of the Institution of Mechanical Engineers members of the Branch attended the Thomas Lowe Gray Lecture. Two senior meetings were also held at the Engineers' Club in Manchester.

One combined senior and junior meeting was held in conjunction with the Barrow Society of Engineers, and six junior lectures were presented at the colleges within the area where the courses for the Ordinary National Diploma are conducted.

Members of the Branch were also invited to attend the Liverpool Engineering Society's monthly meetings and the meetings of the Merseyside and North Wales Branch of the Institution of Plant Engineers.

Two nominations each from Birkenhead, Bolton and Riversdale Technical Colleges were made for the Lloyd's Register of Shipping Award. The students visited London and attended a lecture at the Institute on "Research and Investigation into Ship Design" by Mr. A. Silverleaf of the National Physical Laboratory, and the following day went to the Ship Division of the N.P.L., and to the Admiralty Engineering Laboratory at West Drayton.

The Branch also nominated a student for the berth allotted to the Institute for the two-week cruise on the Sail Training Association's schooner *Sir Winston Churchill*, but he was not finally selected for this award.

By kind invitation of Yorkshire Imperial Metals Ltd. and Yorkshire Imperial Plastics Ltd., a small number of members and their wives, accompanied by members and their ladies from the North Midlands and the Kingston upon Hull and Humber Area Branches, visited Leeds on 18th May. Following a tour of the factory in the morning, members and ladies were entertained to luncheon. In the afternoon members continued their tour, whilst the ladies visited a 16th century "Stately Home", namely, Temple Newsam House, which is now a museum and is set in very fine gardens.



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This proved to be a most enjoyable excursion for those who took part and all were very much indebted to the hosts for enabling the visit to take place.

The Annual Dinner Dance was again held in the Banqueting Suite of the Adelphi Hotel on Friday, 4th November. The Branch was honoured to have the Chairman of Council, Mr. R. R. Strachan, who was accompanied by Miss E. Barrett, among the principal guests. Also representing Headquarters was the Assistant Secretary (Technical), Mr. A. E. Franklin, accompanied by his wife. It was indeed a great pleasure to the Committee to know that this function was so well attended by members and their ladies.

At the March Council meeting in London it was agreed that the Branch should in future be known as the North West England Branch. This is a considerably shorter title and lessens the burden in regard to various business matters.

The resignation of the Honorary Secretary, Mr. John Watt, for business reasons, in June was accepted with regret. Commander F. G. Righton, R.N., accepted the office until the Annual General Meeting.

In view of the valuable services Miss T. Welsh had given to the Branch for many years, the Committee arranged for the presentation to her of a gold watch. The presentation was made by Mr. T. McLaren, B.Sc. (Honorary Vice-President).

Arrangements are being made for the formation of a Junior Committee drawn from the students at Riversdale and Birkenhead Technical Colleges.

The Chairman has attended discussions with representatives of other constituent institutions of the Council of Engineering Institutions regarding the formation of a Local Committee. Representatives have also been appointed to the Manchester Local Committee of C.E.I.

In concluding the Report, thanks are expressed to Mr. H. J. Whitgreave for fulfilling his duties as Honorary Treasurer so admirably, and the Committee for the way in which they have guided the affairs of the Branch.

K. I. Short (*Chairman*)

F. G. Righton (*Honorary Secretary*)

### Annual General Meeting

The Annual General Meeting of the Branch was held on Monday, 6th February, when approximately 60 members were present. Commander K. I. Short, O.B.E., D.S.C., R.N., was in the Chair.

The Minutes of the previous Annual General Meeting, which had been displayed on the notice board, were approved. There being no matters arising from the Honorary Secretary's Report and the Honorary Treasurer's Statement, the proposal that they should be accepted was adopted.

The Chairman, in his opening remarks, referred to the change in title of the Branch. In a survey of the technical meetings that have been held he drew attention to the importance of members attending the reading of papers so that speakers could be encouraged to give up their time to prepare original papers. A special note was made that Captain N. J. H. D'Arcy, R.N. (Member of Council) had broken with tradition in that he had accepted the usual question and comment period after the reading of his Parsons Memorial Lecture. Commander Short noted the publicity that had been given on an international scale to the original paper presented by W. H. Falconer (Associate Member) and W. M. Maguire (Member) at the "Ladsirlac" lecture.

In commenting on the social functions, the Chairman drew the attention of members who were present to the fact that the Dinner Dance, although being attended by the maximum possible number, had barely met expenses, and with the introduction of S.E.T. and consequently an increase in costs, it was probable that ticket prices would have to be raised for the next year.

The Chairman reported that progress had been made in the

formation of the local Junior Committee thanks to the efforts of Mr. K. J. O'Neill and Commander G. Kenworthy-Neale, R.N.R.

The Chairman thanked Mr. R. F. Capey for his efforts in acting as the Institute of Marine Engineers Guild of Benevolence special representative in the area.

The Chairman expressed his thanks to the Committee, Mr. K. J. O'Neill as Vice-Chairman, Mr. H. J. Whitgreave as Honorary Treasurer, and Commander F. G. Righton, R. N., as Honorary Secretary, for the help and support they had given him during his year of office. In addition he thanked the Mersey Docks and Harbour Board for their kindness in lending the Conference Room, and the catering staff at the various meetings.

The Chairman reported that six nominations had been received for the Committee and that all were eligible for election under the rules for the formation and operation of Home Branches of the Institute. The Committee for 1967 would therefore be as follows:

Honorary Vice-President: T. McLaren, B.Sc.  
Corresponding Member, Manchester: J. A. Clay  
Corresponding Member, Barrow: R. McVie, B.Sc.  
Chairman: K. J. O'Neill  
Vice-Chairman: R. C. Stewart  
Committee: R. Anderson  
D. W. Bartlett  
R. M. Dunshea  
G. S. Guest  
P. S. Pratt  
Cdr. F. G. Righton, R.N.  
Cdr. K. I. Short, O.B.E., D.S.C., R.N.  
J. A. Smith, D.S.C., V.R.D., B.Sc.  
R. Steven  
J. Wyatt  
Honorary Secretary: J. D. Skillicorn  
Honorary Treasurer: H. J. Whitgreave

Mr. O'Neill then took the Chair and proposed a vote of thanks to the retiring Chairman for his interest and guidance during the year. Mr. O'Neill commented on the part that the Student Section could play in local activities and he also expressed his disappointment that the first degree course to be held at the Liverpool College of Technology was one for navigators rather than marine engineers. However, he expressed the hope that a degree course in marine engineering would be inaugurated during the coming year.

Following the Annual General Meeting a paper entitled "The Bristol Siddeley Olympus Marine Gas Turbine" by W. H. Lindsey, M.A. (Member) was presented by the author.

The lecture was illustrated by lantern slides showing some technical details of the subject matter. Sixty-five members and guests attended.

### SCOTTISH

The total membership of the Scottish Branch has continued to increase during 1966 and now stands at 1536. This is an increase of 90 over the twelve months.

Six senior meetings were held in Glasgow; the average attendance was 76.

A joint meeting was held with the Aberdeen Mechanical Society, and this was well attended.

The Twelfth Annual Dinner was held on Friday, 18th February 1966, at the Central Hotel, Glasgow, and the Tenth Annual Dinner and Dance on Saturday, 10th December 1966, at the Grosvenor Restaurant, Glasgow. Both these functions were very successful.

The Committee wished to express their thanks to the Chairman of the Branch, Mr. T. W. Liddell, to the lecturers and to those who had contributed to the work of the Branch during the year.

T. W. Liddell (*Chairman*)

L. D. Trenchard (*Honorary Secretary*)



## Annual Report of the Council for 1966

### Annual General Meeting

The Annual General Meeting was held on Wednesday, 8th February 1967, at the Institution of Engineers and Shipbuilders in Scotland, 39, Elmbank Crescent, Glasgow, C.2, at 6.15 p.m.

Mr. T. W. Liddell (Chairman of the Branch) presided at the meeting.

After the Annual Report and Statement of Accounts had been presented and approved, the Chairman thanked the Committee for the support they had given him during the past year. Mr. Liddell also expressed his thanks to Mr. L. D. Trenchard for his work as Honorary Secretary, to Mr. J. D. B. Mundie as Honorary Assistant Secretary, and to Mr. R. Marshall as Honorary Treasurer; members would appreciate that these difficult offices required of their holders a great deal of time and enthusiasm.

Messrs. L. D. Trenchard, J. D. B. Mundie and R. Marshall were duly re-elected as Honorary Secretary, Honorary Assistant Secretary and Honorary Treasurer respectively.

A vote of thanks to the Chairman and Committee, and particularly to the retiring members of Committee, Messrs. T. W. Liddell, H. Brady, J. A. Lazaras, M. Macgregor, T. Murdoch, I. B. Smail and T. H. Smeaton, was proposed by Mr. R. Beattie (Vice-President), who made particular reference to the outstanding manner in which Mr. Liddell had carried out his onerous duties as Chairman of the Scottish Branch.

The Chairman announced that ten nominations had been received to fill the four vacancies on the Committee. Ballot papers had been sent to all members of the Branch and the Scrutineers' Certificate indicated that the following members had been elected to serve on the Committee: Mr. C. A. Creber, Dr. J. Rorke, B.Sc., Mr. G. R. Strachan, M.A., and Mr. F. Y. Whitham. Mr. W. Paterson had been re-elected as one of the Scrutineers. The Chairman thanked Mr. J. B. Stuart for his services as Scrutiner and noted, with regret, that Mr. Stuart was unable to continue because much of his time was spent away from Glasgow. Mr. J. M. Cochrane was elected as the second Scrutiner. Mr. H. C. Kemp and Mr. J. J. W. Bryne were re-elected as Auditors.

The newly constituted Committee is, therefore, as follows:

Vice-President: R. Beattie  
Corresponding Member, Aberdeen: J. H. King  
Corresponding Member, Dundee: J. A. Anderson  
Corresponding Member, Greenock: J. A. Conn  
Corresponding Member, Leith: H. Robb  
Chairman: W. McLaughlin  
Vice-Chairman: A. Campbell, B.Sc.  
Committee: R. Y. Bell, B.A.  
G. Clarkson  
C. A. Creber  
A. Gilchrist  
J. Gillespie  
T. W. Liddell (co-opted)  
J. Rorke, B.Sc., Ph.D.  
G. R. Strachan, M.A.  
F. Y. Whitham

Honorary Secretary: L. D. Trenchard  
Honorary Assistant Secretary: J. D. B. Mundie  
Honorary Treasurer: R. Marshall

Mr. Liddell announced that Mr. W. McLaughlin had been elected to succeed him as Chairman of the Scottish Branch and would occupy the Chair at the next General Meeting.

There being no further business, the Annual General Meeting ended at 6.23 p.m.

### SOUTH EAST ENGLAND

In March it was decided by the Council of the Institute that all members living in the area covered by the Branch should automatically become members of the Branch and should receive notices of meetings, etc., in the same way as those

formerly registered. This has resulted in approximately twice the membership and it is hoped that more members will play an active part in Branch activities.

The membership in the area, which is the whole of Kent and that part of Essex extending within a twenty-mile radius of Tilbury, totals 790, compared with 789 in 1965. The figure for 1965 comprises the registered and non-registered members. It will be seen that the membership figures have remained fairly constant, although there has been quite a number of changes in membership, due mainly to members leaving the area and new ones coming in. The greatest changes being in Graduate and Student grades.

Eight senior meetings and one junior meeting were arranged. The average attendance at these meetings was fifty-one, representing 6.4 per cent of the total membership.

For the first time one meeting was held at Dover which resulted in an attendance of thirty-three. This was done as an experiment to find out the response of the marine engineers in the Dover area, and it has been decided to hold further meetings in the same area.

On 7th May, eighty members and their guests visited the Atomic Energy Research Establishment at Harwell, Berkshire. This proved a most interesting and worth while visit.

During the year the Branch lost the valuable services of the Honorary Treasurer, Mr. R. H. Cadle, who had to resign owing to a transfer to Holland. Mr. Cadle was previously Honorary Secretary of the Branch and gave valuable service in that capacity also. A dinner party was given by the Chairman and Committee members for Mr. and Mrs. Cadle to wish them well in their new appointment.

Mr. J. Offen was appointed Honorary Treasurer in Mr. Cadle's place.

A Spring Golf Meeting was held at Chesterfield Golf Club, Whitstable, on Saturday, 21st May. This was the Branch's first golf meeting and it is hoped further meetings will be held.

The Annual Dinner and Dance was held at the Corn Exchange, Rochester, on Friday, 28th October. Due to the popularity of this function and the increased demand for tickets, it was decided this year to hold it at a new venue; 260 members and their guests attended. The principal guests included Rear-Admiral W. J. Parker, C.B., O.B.E., D.S.C., and Mrs. Parker, Mr. H. N. E. Whiteside and Mrs. Whiteside, Captain J. D. East, R.N., and Mrs. East, Mr. J. McAfee (Vice-Chairman of Council), and Mrs. McAfee, and Mr. J. Stuart Robinson, M.A. (Director and Secretary), and Mrs. Robinson.

A. H. Stobbs (*Chairman*)  
J. R. Richardson (*Honorary Secretary*)

### Annual General Meeting

The Annual General Meeting was held at the Clarendon Royal Hotel, Gravesend, on Tuesday, 17th January 1967, at 7.00 p.m. Mr. A. H. Stobbs (Branch Chairman) was in the Chair.

The Minutes of the 1966 Annual General Meeting were presented by the Honorary Secretary, approved and signed.

Mr. J. F. G. Beard and Mr. R. Abbott were appointed Scrutineers for the ballot for the election of the Branch Committee. Messrs. J. S. Allan, F. G. Chivers and J. Heighway were elected. The Committee for 1967 is therefore as follows:

Chairman: C. G. Parsons, D.S.C.  
Vice-Chairman: H. J. Alexander  
Committee: J. S. Allan  
R. Brown  
J. W. Clarke  
F. G. Chivers  
G. F. Forsdike  
J. Fulthorpe, D.S.M.  
J. Heighway  
A. H. Stobbs  
Honorary Secretary: J. R. Richardson  
Honorary Treasurer: J. Offen



## Annual Report of the Council for 1966

The Chairman, Mr. A. H. Stobbs, who was retiring from office, thanked the Committee members for all the help and assistance they had given him during his two years in office. He outlined the activities of the Institute during the past year. The membership had been consolidated and it had been agreed by Council that all members living in a particular area were automatically members of the Branch covering that area.

Mr. Stobbs suggested that they should look to the future and that a Branch Development Committee be formed to investigate the possibility of further Branch activities.

It had been suggested that marine engineers should be more closely associated with naval architects. It was well known that superintendent engineers were closely associated with hull repairs, ship stability, hull damage, etc. Mr. Stobbs also felt that the Institute should associate itself more closely with the newly formed Council of Engineering Institutions. This was most important if they were to maintain their professional status.

Mr. H. J. Alexander proposed a vote of thanks to the outgoing Chairman, Mr. Stobbs, and thanked him for all the effort and experience he had put at the disposal of the Branch during his two years in office. This had formed a firm foundation for further advancement in the future.

Mr. Stobbs thanked Mr. Alexander for his kind words, but said he was pleased to have been in office during the period of the granting of the Royal Charter to the Council of Engineering Institutions. He felt that the marine engineer had a special place in the engineering profession. The nature of his work made it necessary for him to have a combination of practical and theoretical training and more advantage should be taken of this experience to feed back to the engineering designers.

The Honorary Treasurer presented the balance sheet to the meeting. He stated that the financial position of the Branch was very healthy. The Report was approved and accepted.

The Honorary Secretary presented his Report for the year and this was approved and accepted.

There being no further business the meeting closed at 8.45 p.m.

### SOUTHERN JOINT BRANCH, R.I.N.A. AND I.M.A.R.E.

The Branch Council reports with regret that Mr. K. C. Barnaby, O.B.E., B.Sc., has found it necessary to resign as Vice-President of the Branch. Mr. Barnaby was one of the Founder Vice-Presidents, who with the late Dr. R. W. L. Gawn, C.B.E., R.C.N.C., and Engineer Captain W. A. Graham, O.B.E., R.N.R., did so much to establish a Joint Branch of the two societies in the South.

Another Vice-President to resign this year is Mr. C. W. Paul, M.B.E., who has represented the Branch at the Institute of Marine Engineers for many years.

The Council expresses its appreciation to them both for their services and looks forward to seeing them at meetings whenever they are able to attend.

The two new Vice-Presidents are Mr. A. J. Vosper, R.C.N.C., and Mr. H. W. Hogben, M.B.E., B.Sc. Mr. Vosper was elected a member of Council in 1964 and is Chairman of the Technical Committee. Mr. Hogben was Branch Treasurer for many years up until 1958 and he has continued to serve the interests of the Branch both in and out of office.

The Branch was very fortunate to retain the services of Mr. A. G. Pemberton for another year as President and is indebted to him for the time he spends and interest he shows in Branch affairs.

The guest of honour at the Annual Dinner was Mr. R. A. Beattie, B.Sc., and the Council was very glad to welcome among the guests representatives of the parent societies and local Technical Colleges.

The Annual Ball was again held at Mayes Restaurant, Southampton, when 150 members and guests had a most enjoyable evening.

Six papers were read during the year at Southampton and Southsea.

### SOUTH WALES

The membership of the Branch has decreased very slightly during 1966, the total now being 364 members. During the year six senior meetings were held in Cardiff, one jointly with the Society of Instrument Technology, and one senior meeting at Swansea. One junior meeting was held at Cardiff and one at Swansea. The average attendance at the senior meetings was 54.

The Annual Golf Match was held on Friday, 10th June, at Penarth, where under ideal conditions the 41 competitors completed the course, whilst 61 members and visitors attended the supper that followed. The David Skae Cup was won by N. J. Morgan (member of Committee), whilst the Visitor's Tankard was won by G. Palmer. Other prizes were won by A. E. Savage, I. N. Ianson and J. Wootten. The organizers, Messrs. F. R. Hartley and J. C. Williams, and the Honorary Secretary, were to be congratulated on a very successful meeting.

The Annual Dinner was held at the Park Hotel, Cardiff, on Friday, 21st October 1966, a date which will be remembered for many years as the day of the Aberfan Disaster. The Dinner was attended by 155 members and guests including Sir Stewart MacTier, C.B.E., B.A., President of the Institute, and Mr. J. Stuart Robinson, M.A., Director and Secretary.

The names of two Students from the College of Technology, Swansea, have been submitted for the Lloyd's Register of Shipping Award for 1967.

T. W. Major (*Chairman*)

W. G. Fox (*Honorary Secretary*)

### Annual General Meeting

The Fifteenth Annual General Meeting of the Branch was held on Monday, 2nd January 1967 at the South Wales Institute of Engineers, Park Place, Cardiff, at 6 p.m. The meeting was opened by the Chairman, Mr. T. W. Major, who welcomed the 17 members present. The Minutes of the last Annual General Meeting were read and approved.

The Chairman then presented his Annual Report and said that during the year it had been his aim to follow the high standard set by his predecessor, Mr. T. C. Bishop, in doing all in his power to further the aims of the Institute in general, and the South Wales Branch in particular. He hoped he had achieved a modicum of success, particularly as 1966 saw the Branch take an active part in the Local Committee of the Council of Engineering Institutions.

The Chartered Engineers (South Wales), for a number of years a co-ordination of the Institutions represented locally, was replaced by the Council of Engineering Institutions South Wales Committee. The Branch was represented on this Committee by the Honorary Secretary, Mr. Fox, and the Chairman. Two representatives from each constituent institution were nominated by the local Committee of each institution to serve for not more than three years on the local C.E.I. Committee.

They had again been very fortunate in persuading eminent members of the profession to read papers and give lectures, and the quality of these was reflected in the good attendance figures. He was not unmindful of the excellent work being done by Mr. R. A. Simpson (Corresponding Member for Swansea) and Mr. R. S. Andrew (member of Committee), and he was indebted to them both for their support and that of Branch members in Swansea throughout the year.

Members of the Branch would be interested to know that all Student members taking the pre-sea marine engineering course for the Ordinary National Diploma were now under one roof at the College of Technology in Swansea. This made liaison with them very much easier.

The Chairman expressed his appreciation to the Vice-Chairman, Mr. N. C. James, B.Sc., for his sterling service throughout the year. He had readily and ably deputized for him where (the Chairman's) business commitments prevented his attendance. Mr. James had indicated that he did not wish to



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take office as Chairman, but would prefer to stand down to allow a younger member of the Branch the opportunity of doing so. The Chairman conveyed his thanks also to the Committee for their faithful service during 1966.

The Chairman's report was unanimously approved, having been proposed by Mr. W. T. Mathieson and seconded by Mr. R. S. Andrew.

The meeting agreed that the Annual Dinner and Golf Tournament should be held as usual in 1967 and that the details and organization be left to the respective Sub-Committees. It was agreed that all members of the Branch be asked for their opinion regarding an Annual Dinner Dance.

The Honorary Treasurer, Mr. G. K. Beard, B.Sc., presented the financial statement for 1966 which was unanimously approved. Mr. David Skae warmly congratulated the Honorary Treasurer on his efforts during 1966.

Messrs. R. S. Andrew and G. S. Taylor were appointed to act as Scrutineers in the ballot for the three vacancies on the Committee. Messrs. S. J. French, J. W. McMaster and A. B. Smith were elected to serve in place of Messrs. T. C. Bishop, F. R. Dale, B.Sc., and N. C. James, B.Sc.

There being no other nominations for the offices of Honorary Secretary and Honorary Treasurer, Messrs. W. G. Fox and G. K. Beard, B.Sc., respectively were re-elected. The newly constituted Committee for 1967 is now as follows:

Vice-President: D. Skae  
Chairman: T. W. Major  
Corresponding Member, Swansea: R. A. Simpson  
Committee: R. S. Andrew  
S. J. French  
O. T. Griffith  
F. R. Hartley  
A. H. John  
H. S. W. Jones  
J. W. McMaster  
N. J. Morgan  
R. H. Scott  
A. B. Smith  
G. S. Taylor

Honorary Secretary: W. G. Fox  
Honorary Treasurer: G. K. Beard, B.Sc.

The Chairman then called on Mr. F. R. Hartley, the local representative of the Institute of Marine Engineers Guild of Benevolence, to inform those present about the Guild, its work and requirements. When Mr. Hartley had finished his explanation, Mr. Major thanked him warmly for his services during 1966.

Mr. David Skae proposed a vote of thanks to the Chairman, Mr. T. W. Major, for his conscientious service throughout 1966. This proposal was seconded by Mr. O. T. Griffith and warmly received by all present.

### WEST MIDLANDS

The total membership of the Branch for the year ended December 1966, was 368 of which 62 are Student members. Although the total membership has risen there has been a decline in Student members and the Committee are considering how to stimulate the interest of inland students in marine engineering.

During the year there were five meetings, one having been postponed until 1967 owing to the sudden illness of the lecturer. The average attendance at meetings was 32.

Continuing a feature from the previous session, an informal Ladies Evening was held in March when Members were guests of the President and Council of the Engineering and Building Centre, Birmingham.

In June there was a well attended visit to Drakelow Power Station when the hosts, the C.E.G.B., made excellent arrangements for a very interesting visit.

The Annual Dinner was held on Thursday, 8th December, at the George Hotel, Solihull. The principal guests attending

were Mr. W. H. Falconer, Mr. R. R. Strachan (Chairman of Council), Mr. J. Stuart Robinson, M.A. (Director and Secretary) and Mr. L. D. Trenchard. 152 Members and guests attended.

The Branch was grateful to Mr. J. R. Cotterill, J.P., Past Chairman, for undertaking the responsibility for work in connexion with the Guild of Benevolence and also to Mr. H. E. Upton, O.B.E., Vice-President, for his continuing support.

The Chairman has much appreciated the opportunity to attend Council Meetings of which he has been able to avail himself four times.

In an area where the winter calendar becomes congested with the meetings of technical bodies the Branch looks forward to the benefits of a co-ordinated programme. This they regard as the prime function of C.E.I. local committees. The Branch has been actively engaged in the formation of local committees of the C.E.I., the officers having attended inaugural meetings in Birmingham and Nottingham. The Branch joined with the Branches of other constituent bodies in the C.E.I. to extend hospitality to the engineering delegates to the British Association Conference held in Nottingham.

G. H. Cornish (*Chairman*)

J. H. Gilbertson (*Honorary Secretary*)

### Annual General Meeting

The Fourteenth Annual General Meeting was held at the Engineering and Building Centre, Broad Street, Birmingham, on Thursday, 19th January 1967, at 6.00 p.m. Mr. G. H. Cornish, B.Eng., was in the Chair and the meeting was attended by nineteen members. A number of apologies for absence was received.

The Minutes of the last Annual General Meeting were read and signed.

The Chairman's Annual Report was presented, and although he was able to report an increase in membership, there had been a decline in Student members. Whilst every effort was being made to stimulate interest for these members, there was very little co-operation from them, and the Committee were considering ways in which to stimulate the interest of students in marine engineering activities.

The Chairman also referred to the decline in the average attendance at meetings, and suggested that efforts would need to be made by the Committee to encourage members to give their support to the activities of the Branch.

The excellent visit by members of the Branch to Drakelow Power Station was reported and also the most successful evening at the Annual Dinner, which was extremely encouraging, taking into consideration the new venue.

The Chairman reported that the Branch was participating in the formation of local C.E.I. Committees in both Birmingham and Nottingham.\*

The Statement of Accounts was submitted by the Honorary Treasurer and was approved by the members present.

The Chairman thanked the Committee and in particular the retiring members for the support given to him during the year.

There being no other nominations, Mr. J. H. Gilbertson and Mr. K. H. Harrison were re-elected as Honorary Secretary and Honorary Treasurer, respectively.

With regard to the three vacancies on the Committee which had occurred, but for which only two nominations had been received, Mr. Cornish suggested that this was a matter that the Committee should look into at the first opportunity.

The Honorary Secretary read the names of the Officers and Committee for the ensuing year:

Vice-President: H. E. Upton, O.B.E.

Chairman: A. Fowler

Vice-Chairman: *to be elected*

\*Representation on the Nottingham Committee has now been taken over by the North Midlands Branch.



## Annual Report of the Council for 1966

Committee: G. H. Cornish, B.Eng.  
Lt. Cdr. G. C. Holland, D.S.M., R.N.  
W. H. Lindsey, M.A.  
J. H. Martin  
J. J. Merriman  
P. R. Whitehouse, B.Sc.  
Honorary Secretary: J. H. Gilbertson  
Honorary Treasurer: K. H. Harrison

### WEST OF ENGLAND

The membership of the Branch has shown an increase of 7 per cent over last year, and the total now stands at 351 members.

The activities of the Branch have been varied, and the interest of the members has been more than maintained.

During the year, six senior meetings, and one combined senior and junior meeting were held, together with one joint meeting with R.I.N.A., and one Chartered Engineers' lecture given jointly to members of the constituent Institutions of the Council of Engineering Institutions in the West of England.

The average attendance at the Branch meetings was 50, which is approximately 17 per cent of the senior membership of the Branch. This was a slight increase over last year, despite adverse weather conditions prevailing in the early part of the year.

Amongst other activities of the Branch were two meetings of Chairmen and Honorary Secretaries of local Branches of constituent members of C.E.I., both being convened and presided over by Mr. J. P. Vickery, Chairman of the Branch. The meetings were highly successful, and it was agreed to hold them twice yearly. Mr. C. W. J. Stowe, a member of the Branch Committee, was appointed as the Branch's representative on the Committee of the Institute's Guild of Benevolence.

On Thursday, 19th May 1966, a party of 40 members and their ladies enjoyed a most pleasant and interesting visit to the Richard Thomas and Baldwin Steel Works at Llanwern, Monmouthshire. The visit was well worth while as the Mill is the largest and most up-to-date of its kind in Europe, and the members were most enlightened at the high degree of automation, and some of the new techniques involved.

The Seventh Annual Dinner and Dance of the Branch was held on Friday, 14th October 1966, at the Grand Hotel, Bristol, where once again the Branch was honoured by the presence of the Right Honourable The Lord Mayor of Bristol, Alderman Cyril Hebblethwaite, J.P., and the Lady Mayoress. The principal guests representing the Institute were the Honorary Vice-President for the Royal Navy, Rear-Admiral R. G. Raper, and Mrs. Raper. Representatives of the Royal Aeronautical Society and the Royal Institution of Naval Architects in the area together with their ladies, were invited guests. A total of 164 members and guests attended, and were welcomed by the Chairman of the Branch, Mr. J. P. Vickery. The evening was thoroughly enjoyed by all.

J. P. Vickery (*Chairman*)  
M. R. Goodacre (*Honorary Secretary*)

### Annual General Meeting

The Twelfth Annual General Meeting of the Branch was held in the Large Engineering Lecture Theatre at the University of Bristol on Tuesday, 10th January 1967, at 7.00 p.m.

Mr. J. P. Vickery (Chairman of the Branch) presided and thirty-four members were present, amongst whom was Mr. F. C. Tottle, M.B.E. (Local Vice-President).

In presenting the Chairman's report Mr. Vickery remarked that there had been a satisfying increase in membership during the past year, and that the activities of the Branch had been both interesting and varied. Papers of a high standard had been read and attendances had been good. Members had attended joint meetings with other Institutions and one meeting which embodied eleven of the constituent member Institutions of the Council of Engineering Institutions.

Referring to regional activities of C.E.I., Mr. Vickery reported that two meetings of Chairmen and Honorary Secretaries of member Institutions had been held during the year at which he had presided. Relations between the different Institutions were good, but it had been unanimously agreed that a Regional Committee of C.E.I. in the West of England was not yet needed.

Turning to the more domestic affairs of the Branch Mr. Vickery spoke of the most enjoyable engineering visit which had been made by members and their ladies, also the highly successful Dinner and Dance which had been held recently. He thanked the Social Committee for their most valued help and guidance during his term of office, and he paid tribute to the retiring members of the Committee.

Following his address the Chairman introduced Mr. C. W. J. Stowe, the Branch's representative on the Committee of the Institute's Guild of Benevolence who spoke about how the Guild worked. He enumerated all the different grades of members who were eligible to belong, and talked about the benefits that were available.

The meeting then proceeded with the election of the new Committee members, and in the ballot for the six vacancies on the committee the report of the Scrutineers showed that the following members had been successful: Messrs. R. Ellis, J. E. Gander, D. V. Hyde, A. G. A. Muirhead, Captain A. A. C. Gentry, R.N., and Commander W. J. R. Thomas, R.N. The Chairman welcomed the new members to the Committee and hoped that they would enjoy their term of service. Mr. M. R. Goodacre and Mr. W. C. Atkinson were re-elected Honorary Secretary and Honorary Treasurer respectively, for a further period of one year.

Finally the Annual Report and Financial Statement were read and adopted after which a vote of thanks to the retiring Chairman was proposed by Mr. M. R. Goodacre, and to Mr. Tottle by Mr. R. W. Knapp.

At a meeting of the Committee held after the Annual General Meeting, Captain A. A. C. Gentry, R.N., was elected Chairman of the Branch and Mr. W. H. Sampson Vice-Chairman.

The Committee for 1967 is therefore constituted as follows:

Local Vice-President: F. C. Tottle, M.B.E.  
Chairman: Capt. A. A. C. Gentry, R.N.  
Vice-Chairman: W. H. Sampson  
Committee: J. E. Channon  
G. B. Dawson  
R. Ellis  
J. E. Gander  
Cdr. P. G. Hammersley, O.B.E., R.N.  
D. V. Hyde  
R. W. Knapp  
Capt. P. R. Marrack, R.N.  
A. G. A. Muirhead  
S. T. Parsons  
G. S. Selman  
C. W. J. Stowe  
Cdr. W. J. R. Thomas, R.N.

Honorary Secretary: M. R. Goodacre  
Honorary Treasurer: W. C. Atkinson



## OVERSEAS DIVISIONS

### Canadian

#### ATLANTIC

The Branch is maintaining its growth and continues to hold the interest of members in the area.

The membership at the end of the year totalled 126.

During the year five general meetings were held in addition to the Annual General Meeting.

The average attendance at lectures was 52, the greatest number being 68 at the April meeting.

The Annual Golf Tournament for the Howard Rogers Cup was held on 16th June at the Brightwood Golf and Country Club, Dartmouth, N.S. The trophy winner for 1966 was Mr. V. F. Phillips (Member).

On Friday evening, 16th December, the Annual Buffet Dance was held in the Lord Nelson Hotel, one hundred and forty members and their guests attending.

The death of Lt. Cdr. J. D. Clarke, R.C.N. (Rtd.), former member of Branch Committee, was greatly regretted by all who knew him.

The Branch also lost the services, due to transfer, of Mr. A. L. McIntosh (Chairman of Branch), Lt. Cdr. W. J. Kirk, R.C.N.R., and Mr. D. W. Challinor, the latter two having been Corresponding Members—St. John, N.B.

J. Gamble (*Acting Chairman*)

G. C. Johnson (*Honorary Secretary*)

#### *Annual General Meeting*

The Annual General Meeting was held on 20th January 1967 at the R.C.N. Dockyard Management Association Building, Halifax, N.S. Thirty-three members were present.

The Annual Report and Financial Statement were read and approved unanimously.

The ballot forms for Committee members to replace Mr. A. L. McIntosh and Cdr. F. J. Dayton, C.D., B.Sc., R.C.N., were counted by the appointed Scrutineers, Mr. R. A. Smythe and Lt. Cdr. H. C. Ashcroft, R.C.N. As a result of this ballot Cdr. A. G. Ford, B.A.Sc., R.C.N. and Mr. W. Ross were elected to serve.

There being no nominations for the offices of Honorary Treasurer and Honorary Secretary, Messrs. H. R. Macpherson and G. C. Johnson were duly re-elected.

The Acting Chairman, Mr. J. Gamble, expressed the thanks of the Branch to the retiring Chairman, Mr. A. L. McIntosh, and Committee member, Cdr. F. J. Dayton, R.C.N., for their services over the past three years. Mr. Gamble also thanked the R.C.N. Dockyard Management Association for generously allowing the use of their premises.

Following a short recess the Local Vice-President announced that the Committee had unanimously elected Mr. J. Gamble to be Chairman of the Branch for 1967.

Mr. Gamble then took the Chair, gave a summary of future activities and called on the Local Vice-President, Mr. L. M. Mathers, to present the retiring Committee members with a small brass model dory as a tribute to their service to the Branch and as a memento of the Atlantic Region of Canada.

The constitution of the Committee for 1967 is as follows:

Local Vice-President: L. M. Mathers

Chairman: J. Gamble

Vice-Chairman: W. M. Hedley

Committee: V. F. Phillips

Cdr. E. J. Dawson, R.C.N.

Lt. Cdr. A. G. Ford, B.A.Sc., R.C.N.

W. Ross

Honorary Secretary: G. C. Johnson

Honorary Treasurer: H. R. Macpherson

#### GREAT LAKES

#### *Annual General Meeting*

The Annual General Meeting was held on 19th January 1967 at the Engineers' Club, Toronto. The meeting was opened by the Chairman, Mr. G. Peddie, at 8.30 p.m. There were twenty-nine members present and all were welcomed by the Chairman and the new members present introduced. Prior to the meeting, dinner was served to all in attendance.

The minutes of the last meeting of 17th November 1966 were read and approved.

Mr. J. M. Munn and Mr. S. G. Wilkinson were appointed Scrutineers to count the ballots which were sent to all members of the Branch and returned by mail. The results of the ballot were that Mr. G. H. E. Mason and Mr. D. G. Champion were elected to the Committee and Mr. G. W. R. Corbin and Mr. J. H. Edlund were re-elected Honorary Secretary and Honorary Treasurer respectively.

Mr. J. Boyles and Mr. F. G. H. White were appointed auditors and found that the Honorary Treasurer had everything in order in accordance with the vouchers and his report was endorsed accordingly.

The Chairman reported that it had been his privilege during 1966 to serve as Chairman of the Great Lakes Branch of the Institute and with the able assistance and co-operation of the Committee members as a group, he had tried to maintain the standards of the Branch in keeping the meetings as interesting and informative as possible for the whole membership.

He wished to thank all the Committee members who faithfully attended Committee meetings, and was especially grateful to the Honorary Secretary, Mr. Corbin for his capable and efficient handling of his many and onerous duties. They all knew that it took a lot of work to keep the affairs of the Branch running smoothly, and he was sure they all appreciated the Honorary Secretary's efforts in this direction.

He also wished to thank Mr. Edlund for his care of their sometimes complicated finances, and also for the ready assistance he was always willing to give in any matter pertaining to the Branch.

He thanked the Local Vice-President, Mr. A. C. Waldie, who was always available and whose assistance over the past year was very much appreciated.



## Annual Report of the Council for 1966

He felt that attendance at their meetings was very good and on behalf of the Committee he wanted to thank the members for attending particularly those who had travelled considerable distances, sometimes under very trying weather conditions.

The Annual General Meeting last year had been held on 20th January, and in addition four meetings were held at which technical papers were read. On 27th May the Annual Dinner and Social Evening was held at the Engineers' Club, where members and their wives had a most enjoyable time.

The Chairman was pleased to say that their membership continued to grow and that there were now 154 members on the mailing list, an increase of nineteen over the previous year.

Before closing he wished to thank Mr. Champion for his continued good offices in obtaining the use of the Engineers' Club for their meetings and social events. He was sure the use of these premises was very much appreciated by all who attended their meetings. Mr. Peddie finally thanked each and every one of them for the honour they had given him of serving them as their Chairman.

The Honorary Treasurer read his report after it was signed by the auditors. It was moved by Mr. Boyles and seconded by Mr. White, that a vote of thanks be given to the Honorary Treasurer for his handling of the finances, which included financial arrangements with the Engineers' Club, social activities, etc.

The Chairman asked all those present who planned to attend the Canadian Conference to mail their accommodation cards as soon as possible. A feeling of disappointment was expressed by Mr. Champion that none of the members of the Canadian Division Committee was able to attend. This was seconded by Mr. Boyles and carried unanimously. Mr. G. W. Stead had sent his regrets and his letter was read to those present.

The Committee retired to elect a Chairman for 1967. Mr. J. H. Edlund was elected Chairman and Mr. E. E. Bustard, Vice-Chairman.

On the return of the Committee Mr. Peddie handed over the gavel to Mr. Edlund. The Chairman appointed Mr. D. F. MacDonald as Assistant Honorary Treasurer and Mr. J. E. Jackson as Paper Co-ordinator.

### NEWFOUNDLAND

The Branch has thirty-nine members. During 1966 four meetings were held, one the Annual General Meeting, two at which technical papers were read and lastly, the meeting on 26th May at which the following presentations were made: the Annual Scholarship for \$50 at the College of Fisheries to Mr. D. Duffy, the H. Stuart Salt Award at the College of Fisheries to Mr. E. Mercer. Five annual copies of the Transactions for the years 1960-64 were presented to the Library of this College. Four Committee meetings were held during the year, to arrange for the presentation of papers and to deal with the regular business and correspondence of the Branch.

J. W. Noel (*Honorary Secretary*)

### Annual General Meeting

The Annual General Meeting was held at the Shriners

Club, St. John's, on 2nd February 1967, at 8.30 p.m. There were twelve members present. In the absence of the Chairman, Mr. W. A. McGettigan, the meeting was opened by Mr. R. A. Harvey, Local Vice-President.

The report of the Honorary Secretary for 1966 was read, moved for adoption by Mr. H. C. Carey, seconded by Mr. J. R. Kazak and accepted.

The report of the Entertainment Committee, presented by the Honorary Secretary, indicated that two social evenings were held during 1966 and that arrangements would soon be made for the annual Ladies' Night. The report was moved for adoption by Mr. R. A. Harvey, seconded by Mr. H. G. Evans and accepted.

The election of officers and Committee members for 1967 was then conducted, and resulted as follows:

Local Vice-President: R. A. Harvey

Chairman: L. A. Johnson, O.B.E.

Vice-Chairman: G. F. Hayward

Committee: A. A. Burgess

H. C. Carey

E. S. Hoskins

L. D. MacArthur

G. P. McCarthy

R. C. Macklin

Honorary Secretary: A. J. Whiteway

Honorary Treasurer: H. G. Evans

The Local Vice-President thanked the retiring Honorary Secretary and Committee members for their co-operation and assistance during their terms of office and invited Mr. L. A. Johnson, the newly elected Chairman, to take the Chair.

Mr. Johnson, in assuming office, thanked the members for their confidence and asked for the same assistance and co-operation given to the retiring Chairman, Mr. W. A. McGettigan.

A letter from the Secretary for Canadian Affairs dated 21st January 1967 regarding the Canadian Division Business Meeting was read and discussed. It was proposed by Mr. R. A. Harvey, seconded by Mr. G. F. Hayward and accepted by the membership that Mr. L. A. Johnson, Chairman, should attend this meeting. It was further agreed by the members that in the event of Mr. Johnson being unable to attend his place would be taken by Mr. G. F. Hayward, Vice-Chairman of the Branch, and that if Mr. Johnson or Mr. Hayward could not be present for the meeting Mr. R. A. Harvey, Local Vice-President would be requested to attend.

The programme for 1967 was announced. There being no further business the meeting closed at 10.00 p.m.

### ST. LAWRENCE BRANCH

The Branch held five technical meetings during 1966 at the Board of Trade Club, 300 St. Sacramento Street, Montreal, and all meetings were considered very successful both in quality and attendance.

The meetings were preceded by a dinner, which enabled members to meet not only the authors of the various technical papers, but to become more familiar with each other.

K. C. Hamilton (*Honorary Secretary*)



## Indian

### CALCUTTA

Membership of the Branch has shown a considerable increase during the current year with a total of 189 members as against 157 for the year ending 1965.

The Annual General Meeting was held on 21st February 1966 at the Lecture Hall of the British Council, 5, Shakespeare Sarani, and was well attended with a total of 41 members being present. Mr. B. Hill, Local Vice-President, was in the Chair. The Statement of Income and Expenditure for the year ending 31st December 1965 was read and unanimously approved, being proposed by Mr. R. S. Sachdev and seconded by Mr. K. S. Chetty.

Mr. J. E. D'Souza and Mr. K. D. Pradhan were re-elected Honorary Secretary and Honorary Treasurer respectively.

Ten nominations were received for the four vacancies and it was therefore necessary to hold a ballot, as a result of which the following were elected:

Mr. T. K. T. Srisailam, Mr. K. Ramakrishna, Mr. W. K. Katre and Mr. S. D. Srivastava.

On completion of the discussion three short interesting technical films were shown.

During the year in addition to the Annual General Meeting, five committee meetings were held. A guest at the committee meeting on 11th June, was Commander K. I. Short, O.B.E., D.S.C., R.N., Chairman of the North West England Branch of the Institute, and Technical Director of Thos. and Jno. Brocklebank Ltd., who was passing through Calcutta on his company's business.

Four meetings were convened where technical papers were read, one being by Mr. D. Gray, B.Sc. (Member), Principal Surveyor for Automation and Electrical Engineering, Lloyd's Register of Shipping, London, on "Centralized and Automatic Controls in Ships".

Two prizes have been awarded by the Institute's Indian Division to student members undergoing their fourth year training at the Directorate of Marine Engineering Training, Calcutta, for the best technical papers submitted. Papers submitted by the students were screened by a selected committee of three members of this Branch and the four best papers were read before the local members of the Branch at one of the technical meetings.

Cadets B. S. Rajan and K. Chidambaram were awarded the first and second prizes respectively.

T. K. T. Srisailam (*Chairman*)

J. E. D'Souza (*Honorary Secretary*)

### MADRAS

During the year four general meetings, two Committee meetings and four technical meetings were held. A buffet dinner was held on 25th March and was attended by members and their wives. The National Maritime Day was celebrated in Madras on 5th April and a dance performance arranged for the evening was well attended. Rear-Admiral T. B. Bose, B.Sc., I.N. (Vice-President for India) was present.

In addition, at the invitation of the Chairman of the South India Shipping Corporation, members visited the ship *Chennai Ookkam*.

The Fourth Meeting of the Indian National Committee was held at the Seafarers' Club, Madras, on 16th and 17th December. Members of the Branch attended a dinner to meet representatives of other Branches at the conclusion of the meeting. (A report on this meeting will appear in due course in the Indian Division Supplement.)

The officers for 1967 are as follows:

Local Vice-President: K. Parthasarathy

Chairman: A. T. Joseph

Honorary Secretary: V. K. Desai

Honorary Treasurer: T. S. Govindarajulu

### NEW DELHI

The main activity of the Branch during the year was its contribution to the two-day seminar on "Material Flow through Industry" which was held on 23rd-24th March. This seminar was organized jointly by the Branch, together with the Institution of Production Engineers, the Institution of Telecommunication Engineers, New Delhi Centre, and the Institution of Engineers (India). A circular sent out by the New Delhi Branch to the engineering institutions in India and to leading engineers received an excellent response, and nine papers were chosen for reading, including one by K. S. Subramaniam, B.Sc. (Member), on the work of the Indian Standards Organization in the promotion of indigenous materials. Rear-Admiral Daya Shankar, D.S.C., V.S.M., I.N. (Local Vice-President) spoke on the planned allocation of scarce resources at the end of the final session. The hope was expressed that similar seminars might be held and "Technical training at all levels" was one of the possible subjects mentioned.

C. L. Bhandari (*Chairman*)

P. V. George (*Honorary Secretary*)

### VISAKHAPATNAM

The membership of the Branch now stands at 35.

The Third Annual General Meeting was held on Friday, 25th February 1966, when the Honorary Secretary and the Honorary Treasurer presented the Report and the Balance Sheet respectively. The new Committee was formed and the Honorary Secretary and Honorary Treasurer were re-elected.

Five Committee Meetings were held during the year, one of which was an emergency meeting to discuss the enhancement of subscription rates due to devaluation of the rupee.

Two senior technical meetings were held at one of which a paper entitled "Centralized and Automatic Controls in Ships" was read by D. Gray, B.Sc. (Member) who was visiting India from the U.K. This was followed by a dinner. Two student meetings were held and a technical visit was paid to the m.v. *Jagkisan*, a semi-automated bulk carrier.

A dinner was held at the United Services Officers Club in May, and the Annual Dinner at the Club on Saturday, 10th December. Commodore D. St. J. Cameron, I.N., Commodore East Coast, was the principal guest at the latter function.

V. S. P. Mudaliar (*Chairman*)

K. K. Banerjee (*Honorary Secretary*)



## OVERSEAS BRANCHES

### AUCKLAND

Interest in the Branch is being maintained and the records show a total membership in the area of 119.

During the year two lectures were held. Attendance at the lectures is quite encouraging although not as good as might be expected in view of the membership, but allowance must be made for the fact that a number of these members live some distance from the centre.

Some difficulty has been experienced over the past three years in arranging a suitable venue for lectures. However the Committee have now been offered the use of the lounge in the new premises of the New Zealand Institute of Marine and Power Engineers. This room will be available at short notice and should facilitate the arranging of lectures.

The Fourth Annual Dinner of the Branch was held on Saturday, 24th September 1966, at the Berkeley Lounge, Mission Bay, Auckland. 105 members and guests attended this function.

H. Whittaker (*Chairman*)  
C. S. Harnett (*Honorary Secretary*)

### *Annual General Meeting*

The Annual General Meeting of the Branch was held on Friday, 17th February 1967, in the lounge of the New Zealand Institute of Marine and Power Engineers, 28/30, Anzac Avenue, Auckland, at 7.15 p.m. The Chairman of the Branch, Mr. H. Whittaker (Local Vice-President) presided at the meeting which was attended by seventeen members.

The Annual Report and Financial Statement were presented and approved.

There being only two nominations for the two vacancies on the Committee these members were duly elected to office. The Committee for 1967 is as follows:

Local Vice-President and Chairman: H. Whittaker  
Committee: Lieut. G. Bandy, R.N.Z.N.  
J. M. Bray  
D. G. Craig  
Lieut. H. J. Ewens, R.N.Z.N.  
L. J. Humphrys  
D. C. R. McFarquhar  
B. Pacey

Honorary Secretary: C. S. Harnett  
Honorary Treasurer: J. Watt

At the conclusion of the meeting, Mr. C. P. Burns, General Manager and Director of Mason Bros. Ltd. presented a lecture on "Engineering Shop Management". The meeting concluded at 10.00 p.m. with a vote of thanks to the speaker proposed on behalf of the members and guests by Mr. M. J. White.

### CAPE TOWN

At present the Branch membership numbers ninety-three. These numbers represent an increase of about fifteen per cent on last year's numbers and present indications are that the Branch will continue to expand and, it is hoped, extend the scope and frequency of technical meetings.

During the year Mr. A. L. Brown (Local Vice-President) served on the Committee to augment the numbers. A change of appointment compelled Mr. F. J. Swan to relinquish his office as Honorary Secretary and his seat on the Committee. Mr. D. S. Pike was co-opted to the Committee and assumed Mr. Swan's duties.

The difficulty in obtaining technical papers of wide appeal was again apparent and this problem is reflected in the number of meetings held during the session, namely, two. At the first technical meeting on 27th October a symposium was presented dealing with the training of engineers for seagoing duties. Each of the five speakers outlined the entry schemes and training programmes operated by their companies or principals and a lively discussion followed. During the meeting two films were shown dealing with the Apprentice Training Scheme and depicting some facets of an engineer's duties and life at sea. Forty-four members attended.

At the second meeting, attended by some fifty-two members and guests, an illustrated lecture entitled "Some Notes on Marine Centralized Control and Automated Systems" was presented by Mr. D. S. Pike (Associate Member).

On 28th September some thirty members visited Maritime Industries Ltd. They were taken on a tour over the works where they were shown many details and aspects of this company's emergence as one of the world's principal constructors of glass fibre reinforced plastics ships.

The Branch Annual Dinner Dance took place on Friday, 14th October, at the New Fairmead Hotel, Rondebosch, and was attended by fifty-six members, ladies and their guests. By general consensus the evening was voted a success.

A number of important events has taken place during the session which it is hoped will have far reaching effects upon the development of the Branch. First among these was the Committee's decision to promote and maintain a close liaison between the Institute and kindred societies. Discussions with the Committee of the South African Institution of Mechanical Engineers are in progress and it is hoped that at least one joint meeting will be held during the coming session. It is further anticipated that technical meetings of both institutions will be open to members of either body.

As members are aware, provision has now been made for payment of annual subscription fees direct to the Branch account in Cape Town. It is hoped that this arrangement will assist those members who in the past have experienced some difficulty in making the necessary transfer.

A further development is the inception of a Student Section. At present it numbers eight members only, but membership is confidently expected to grow in future years.

A. L. Brown (*Local Vice-President*)  
D. S. Pike (*Honorary Secretary*)

### *Annual General Meeting*

The Annual General Meeting was held on Wednesday, 18th January 1967, at 7.15 p.m. and, in the absence of the Chairman, Mr. A. L. Brown (Local Vice-President) took the Chair.

The Acting Chairman welcomed members and noted with particular pleasure that the meeting was better attended than hitherto, thirty-two being present. He hoped the trend would continue.

The Honorary Secretary then read the Minutes of the Tenth Annual General Meeting and these were accepted by the members and signed by the Chairman.

The Honorary Treasurer presented the Financial Report, the salient features being the total expenditure of R79.82 and the balance at the bank of R44.40. Questioned as to the reason for the relatively heavy expenditure, the Honorary Treasurer stated that the Branch's intensified publicity programme and the use of the Electricity Centre for meetings had considerably



## Annual Report of the Council for 1966

increased Branch outgoings. It was proposed and agreed that Headquarters be requested to restore the Branch account to R100.00.

Following this the Honorary Secretary read the Annual Report for 1966. There was no discussion at this stage.

The election of members of Committee and office bearers then took place. The Committee for 1967 is as follows:

Chairman: C. S. Russell  
Committee: D. M. Clark  
N. C. Humphries  
R. G. Kinnell  
D. J. Robertson  
T. F. Russell  
Lt. Cdr. (E) A. D. Sharpe, S.A.N.  
R. J. Wilson  
Honorary Secretary: D. S. Pike  
Honorary Treasurer: H. S. Smith  
Auditor: D. E. Willis

The Chairman then thanked the retiring members, Messrs. J. H. Simpson, B.Sc., W. S. Boreland and D. Ross Innes for their efforts whilst serving on the Branch Committee.

During the general discussion which followed, a number of points was raised. The matter of local fee payment was debated when the Chairman confirmed that members could pay subscriptions to the Branch account but that they should be made by banker's order. A further matter discussed was the status of the marine engineer in South Africa. An associated point was the degree of mutual co-operation existing between the engineering institutions in this country, and the prospect of obtaining registration and official recognition.

After some discussion, it was agreed that the present arrangement of joint meetings and exchange of information should be continued and every effort made to form, with the other professional engineering bodies, a Central Council with the responsibility of maintaining general standards and improving the status of all professional engineers. This matter concluded the Annual General Meeting and the meeting closed at 8.15 p.m.

After a short interval Mr. W. Mueller presented his paper entitled "Development of the Present and Future Sulzer Diesel Engines". The author dealt with the development of his company's oil engines from the earlier unsophisticated machinery to the present day high output and compact R.D. series. Mr. Mueller then commented upon future trends towards increased cylinder output and efficiencies, greater power/weight ratio and predicted operation in the near future of main propulsion units with continuous ratings of up to 40 000 bhp. Of the forty-eight members and guests attending some twenty took part in the very full discussion which followed.

### DURBAN

The Branch continues to be active and the membership now stands at 48.

This year was marked by the visit of Mr. H. N. Pemberton (Chairman of Council) and Mr. J. Stuart Robinson, M.A. (Director and Secretary). During their brief visit to Durban they addressed the members on the subject of the status of the Chartered Engineer and its particular influence on the Institute.

Members and their wives also had the pleasure of meeting Mr. and Mrs. Pemberton and Mr. and Mrs. Robinson at a cocktail party held in their honour, also on two scenic tours.

In addition four meetings were held during the year at which papers were presented and discussed. At a further meeting when films on the marine industry were shown, ladies were present and a buffet supper was served during the interval.

The quarterly luncheons continue as a popular social gathering and are always well attended.

### Durban Branch Committee for 1967:

Chairman: Commodore (E) D. W. Robertson, S.M.,  
B.Sc., S.A.N.  
Committee: F. A. Anscombe  
R. F. Dillon  
C. T. Glover  
R. Halliday  
R. H. J. Jenkins  
Honorary Secretary: R. C. Baker  
Honorary Treasurer J. R. Holdsworth

### PAKISTAN

The major activity of the Institute of Marine Engineers, Pakistan Group, during the year 1966 was that of arranging a programme of technical meetings, film shows, visits to industries, social events and lectures on current engineering subjects. Two technical meetings, technical film shows for students and two Committee meetings were held.

The necessity of having a central place has all along been felt as a stage has now been reached in Pakistan when the Institute should have its own premises to hold various functions besides keeping a technical reference library. In order to acquire suitable accommodation in the proposed building of the Institute of Engineers (Pakistan) negotiations are in progress with their Managing Committee members at Karachi.

Assistance was provided to many young marine engineers in solving their professional difficulties and in preparation for sitting Board of Trade examinations, now being conducted at Karachi by the Director General, Ports and Shipping, Government of Pakistan.

The Pakistan Group is particularly concerned that a large number of its members is in arrears of their annual subscriptions. These cannot be remitted in full due to the restrictions in remitting over Rs.100/-, which is not even sufficient to cover the payment of the entrance fee and first year's subscription in the event of their fresh election.

Social events in particular were attractive. A Cocktail Reception was held on 30th July 1966 in the Hotel Karachi Intercontinental. The reception was largely attended by the members from both wings of the country and included the Honorary Secretaries of the Institutions of Electrical and Mechanical Engineers (Pakistan Group); Lloyd's Register of Shipping surveyors, shipowners, superintendent engineers of shipping companies and the General Manager of Karachi Shipyard and Engineering Works Limited were also present. There is no doubt that the social activities are a stimulating complement to the technical proceedings.

### SYDNEY

The Branch continues to be very active, although the average attendance at meetings dropped to fifty-nine. In response to a circular sent to all members residing in New South Wales in October, 227 out of a total of approximately 400 indicated that they wished to take part in the activities of the Branch. This is a promising increase over previous years.

The Chairman, Captain R. G. Parker, O.B.E., R.A.N., was appointed Local Vice-President for Sydney in October. Captain Parker agreed to continue as Chairman until the next Annual General Meeting.

Five technical meetings, including a junior meeting were held during the year. A lively discussion followed each lecture and the enthusiasm shown by students at the junior meeting was particularly encouraging.

Members made an inspection of the Atomic Research Establishment at Lucas Heights, N.S.W., on 11th August, at the invitation of the Australian Atomic Energy Commission.

The G. I. D. Hutcheson Memorial Prize, in the form of a slide rule, was presented to Mr. B. J. Wilson at the junior meeting in June.



## Annual Report of the Council for 1966

Committee members had pleasure in meeting and discussing Institute activities with two visitors from overseas during the year, Mr. R. R. Gilchrist, M.A., former Chairman of the West Midlands Branch, and Mr. H. Whittaker, Local Vice-President, Auckland, New Zealand.

The highlight of the year was again the Annual Dinner, held at the Wentworth Hotel, Sydney, on 3rd November. A record number of one hundred and forty members and guests attended and heard speeches by Mr. R. C. Reed, Chairman of the Australian Shipbuilding Board, and Mr. E. J. Crawford, President, Institution of Engineers (Australia).

A gift of a suitably inscribed silver jug was presented to Mr. N. A. Grieves at the Annual Dinner from Sydney Branch members as a token of their appreciation for his services as Honorary Treasurer and Honorary Secretary during the years 1948 to 1964.

R. G. Parker (*Chairman*)  
J. W. Lamb (*Honorary Secretary*)

### VICTORIA

The Branch has a total of 235 registered members.

At the Annual General Meeting on 11th February 1966 a lengthy discussion took place on the training of marine engineers and the problems facing the industry today. Several members also mentioned the lack of recognition of the Charter by industry, and it was then decided to form a Sub-Committee to investigate ways and means of obtaining full recognition of the Charter. Subsequently, on 23rd September, a Special Meeting was held at The Marine Engineering School of The Royal Melbourne Institute of Technology to discuss a) the findings of the Sub-Committee regarding the status of the Chartered Engineering Institutes in Australia, and b) the publishing of a Newsletter. Lengthy discussions took place and many facts and suggestions were put to the meeting.

Four technical meetings were held during the year at which papers were read, and the Apprentices Night was held on 11th August at the Radio School Theatre of The Royal Melbourne Institute of Technology. The customary awards were made to students.

The Tenth Annual Dinner was held on 14th October at the University Union Dining Room. The guest speaker on this occasion was Professor K. H. Hunt, Dean of the Faculty of Engineering, Monash University. This was a very happy occasion, attended by members of several Chartered Institutes who were guests of the Institute.

The Committee for 1967 is as follows:

Local Vice-President: A. J. Edwards  
Acting Chairman: J. B. Thomson  
Committee: P. Bossen  
N. Connell  
J. Dixon  
D. A. Gillies  
G. P. Hodge  
D. N. Moore  
K. Paxton  
R. L. Saunders  
Lt. Cdr. D. W. K. Vagg, R.A.N.  
Acting Honorary Secretary: K. Paxton  
Honorary Treasurer: Lt. Cdr. J. H. Coles, R.A.N.V.R.

### WESTERN AUSTRALIA

The membership has now increased to 87.

Five general meetings and one discussion meeting were held during the year as well as the annual Ladies Night. In

addition, a special showing of a film was arranged for the Branch.

The year's programme opened with the Annual General Meeting on 9th February 1966, attended by twenty-eight members. The constitution of the Section was formally amended at the request of Council changing the title to "Western Australia Branch". After the formalities, the meeting concluded with a technical film show.

The annual Students Night held on 10th August was again a great success with 135 members and visitors attending. The Branch was addressed by E. T. Harper, M.R.I.N.A., the Principal Examiner of Engineers for Australia, on the "Education and Training of Marine Engineers". The meeting concluded with a film on "The Launch of the *British Admiral*".

The Ladies Night was held on 28th October, taking the usual form of a reception followed by dinner with dancing. At the reception the Chairman and Mrs. E. E. Freeth welcomed ninety-two members, their wives and guests. It was a most successful occasion.

The fifth year of activity since the inception of this Branch in December 1961 has now been completed. During that time, it is pleasing to note that the membership of the Branch has more than doubled and also that great interest has been shown in the meetings by senior engineers from other Institutions. The Committee trusts that the continuing support of all members will enable the Branch to go forward to even greater strength in the future.

E. E. Freeth (*Chairman*)  
F. H. S. Scriven (*Honorary Secretary*)

### Annual General Meeting

The Annual General Meeting was held on 8th February 1967. The Annual Report and Balance Sheet were adopted. The general healthy state of the Branch was reflected in the fact that twenty-nine out of a total Branch membership of eighty-seven had attended and also that there were four candidates for the two vacancies on the Committee. Mr. M. H. Morris completed his three-year term and Lt. Cdr. L. F. Coy, R.A.N.R., retired to comply with the requirement that one-third of the Committee should retire each year.

Messrs. E. J. McManis and R. W. Robinson were elected Scrutineers of the postal ballot.

At the conclusion of the formal business the Chairman proposed a vote of thanks to the Committee which was carried by acclamation.

The Committee for 1967 is composed as follows:

Chairman: E. E. Freeth, B.Eng.  
Vice-Chairman: W. H. Clarson  
Committee: C. B. Jagger  
A. F. McKimmie  
E. Morris  
A. G. L. Perman  
Honorary Secretary: F. H. S. Scriven  
Honorary Treasurer: A. G. Smith

The formal business was followed by the presentation of a paper to which the Chairman welcomed fifteen visitors. The paper "An Integrated Steel Works for Western Australia" was read by the author, Mr. J. R. Parkin, who also showed a large number of slides illustrating the progress of construction at the site. The paper was particularly interesting to members in view of the large quantities of materials which would be arriving and departing by sea and the arrangements made for handling these. Following a lively discussion Lt. Cdr. (E) C. van Hazel, R.N.N., proposed a vote of thanks to the author which received enthusiastic applause.