

Transactions of the
INSTITUTE of MARINE ENGINEERS

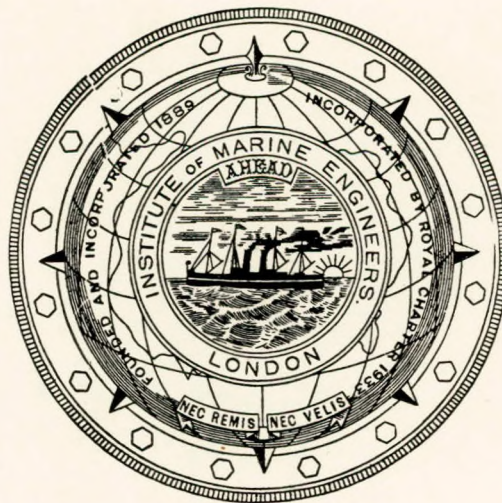
FOUNDED 1889.

INCORPORATED BY ROYAL CHARTER, 1933

To Advance the Science and Practice of Marine Engineering.

Patron: HIS MAJESTY THE KING

Vol. L



Session 1938-39.

President: Sir E. JULIAN FOLEY, C.B.

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The President.
SIR E. JULIAN FOLEY, C.B.

SIR E. JULIAN FOLEY, C.B.

Sir E. Julian Foley was born in Liverpool and educated at Liverpool College, London and Liverpool Universities. He became a First Division Clerk in the Transport Department of the Admiralty in 1907; was appointed Assistant Director of Transports in 1915, and Director of Military Sea Transport in the Ministry of Shipping from 1917 until the end of the Great War. From 1920-1927 Sir Julian was Under-Secretary to the Mines Department. Later in 1927 he was appointed Director of Sea Transport under the Board of Trade, and in 1929 became head of the Mercantile Marine Department and Under-Secretary of the Board of Trade, a position he still holds.

Sir Julian has displayed great keenness and ability in whatever branch of the service he has been engaged and perhaps never more so than in the part he played in the preparation of the schemes approved by the Government for the rehabilitation of tramp shipping and the replacement of tonnage under the Scrap and Build Scheme. His contacts at the Admiralty and the Board of Trade with matters relating to ships extend over a period of more than thirty years, but it was perhaps through his early connection with the great sea port of Liverpool and the associations formed there that during the last decade as head of the Mercantile Marine Department he has become known not only as a brilliant administrator, but as a man who has consistently shown concern for the welfare and safety of those who follow the sea, in whatever capacity.

His administration has been a notable one and fruitful of many measures affecting British ships and the men who sail in them, The Institute being particularly interested in one of the more recent, relating to the Examinations of Engineers for Certificates of Competency. The Committee which enquired into the system of examination was appointed at the instance of Sir Julian, and it is hoped that the adoption of the Committee's recommendations will have the result he desired of contributing to the improvement of the status of the Certificated Engineer. In this connection he can rely upon the support of The Institute and of the loyal body of Engineer-Surveyors of his staff, many of whom are members of The Institute.

Though a strenuous worker in an age when the Departments in which he was engaged were more than busy, Sir Julian has found time to keep himself physically fit by means of tennis, squash, walking and golf. He has art and architectural interests and has also engaged in authorship in the psychological direction.

Sir Julian holds the Jubilee and Coronation Medals. He was made a Companion of the Bath in 1919, and a Knight in the Jubilee Honours List in 1936. His foreign honours include those of Chevalier, Ordre de la Couronne (Belgium); St. Anne of Russia (2nd class); Officer of the Legion of Honour; and Order of the Crown of Italy.

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SESSION
1938.



Vol. L.
Part 13.

President : Sir E. JULIAN FOLEY, C.B.

FIFTIETH ANNUAL REPORT AND FINANCIAL STATEMENT AND MINUTES OF ANNUAL GENERAL MEETING

Held on Friday, March 17th, 1939, at 6 p.m., in the Institute Premises,
The Minories, London, E.C.3.

PAPERS READ AND DISCUSSIONS HELD DURING THE SESSION

JANUARY 1st TO DECEMBER 31st, 1938.

CONTRIBUTIONS BY CORRESPONDENCE.

INSTITUTE NOTES.

TECHNICAL PRESS ABSTRACTS.

TECHNICAL PRESS EXTRACTS.

Editor: The Secretary.

THE INSTITUTE OF MARINE ENGINEERS

Founded 1889.

Incorporated by Royal Charter, 1933.

PATRON: HIS MAJESTY THE KING.

SESSION 1938.

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Vice-Chairman: ‡A. F. C. TIMPSON, M.B.E.

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‡Retire in 1940.

†Retire in 1939.

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- Sub-Committee on Steam Generators and Boilers
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| Technical Committee on Land Boilers | |
| " " " Ships' Materials | |
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THE INSTITUTE OF MARINE ENGINEERS.

INCORPORATED BY ROYAL CHARTER.

PATRON: HIS MAJESTY THE KING.

PROGRAMME OF THE FIFTIETH ANNUAL GENERAL MEETING

HELD ON

FRIDAY, MARCH 17th, 1939, at 6 p.m.

Chairman . . . SIR E. JULIAN FOLEY, C.B.

Introductory—THE CHAIRMAN.

Scrutineers retire to examine Voting Papers.

Annual Report—THE SECRETARY.

Financial Statement—THE HONORARY TREASURER.

Adoption of Reports—

Proposed by R. M. GILLIES.

Seconded by T. A. CROMPTON

Presentation of Awards by the Chairman—

Denny Gold Medal—S. S. COOK, F.R.S.

Institute Silver Medal—Professor A. L. MELLANBY, D.Sc., LL.D.

Extra First Class Engineer's Medal—T. SHAW.

Stephen Award—J. M. WEBSTER.

Vote of thanks to the PRESIDENT—

Proposed by R. RAINIE, M.C. (Chairman of Council).

Seconded by A. F. C. TIMPSON, M.B.E. (Vice-Chairman of Council).

Report of Scrutineers—

A. E. WHITESIDE and G. B. PLOWS.

Vote of thanks to Scrutineers and Honorary Auditors, and appointment for 1938—

Proposed by F. W. YOULDON.

(Honorary Auditors, 1937—W. D. HECK, B.Sc. and H. J. VOSE).

Special Resolution amending By-Laws 27 and 28.

Other business.

Vote of thanks to Council and Officers—

Proposed by F. A. HUNTER.

Reply by R. RAINIE, M.C. (Chairman of Council).

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Vol. L.
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President : Sir E. JULIAN FOLEY, C.B.

Minutes of Proceedings AT THE ANNUAL GENERAL MEETING

MARCH 17th, 1939.

CHAIRMAN: THE PRESIDENT.

The fiftieth Annual General Meeting of The Institute was held in the Lecture Hall of The Institute at 6 p.m. on Friday, 17th March, 1939.

The President (Sir E. Julian Foley, C.B.) presided over a large gathering of members, and was supported on the platform by the Chairman of Council (Mr. R. Rainie, M.C.), the Vice-Chairman of Council (Mr. A. F. C. Timpson, M.B.E.), the Honorary Treasurer (Mr. Alfred Robertson, C.C.) and the Secretary (Mr. B. C. Curling).

The President, opening the proceedings, was

warmly welcomed and expressed his pleasure at occupying the Chair at the fiftieth Annual General Meeting of The Institute. He would proceed at once with the business of the meeting by asking the Scrutineers, Messrs. A. E. Whiteside and G. B. Plows, to retire for the purpose of examining the voting papers and of reporting to him in due course. The Scrutineers thereupon retired.

The President next called upon the Secretary to read the Annual Report as follows:—

Annual Report of the Council.

It may be supposed that the year 1938 will take a prominent place among the important dates in the history of this country, and indeed of the world. Even in the uncertain perspective of the present moment 1938 appears as another striking example of the fact that individual error cannot stop, however much it may stay, human progress. Otherwise it might not have been possible to record that within the short space of three months of 1938 our Government was at one moment acting as host to the delegates to an international conference of marine

engineers and naval architects, and at another was preventing the Governments of the foreign delegates from dividing the members of that conference into enemy groups. Within the sphere of its normal activities The Institute, like other purely scientific societies at home and abroad has maintained its steady progress unchecked by the international crises which

have made the year deplorably memorable. When one contemplates the alternative, it is encouraging that, thanks to the present Prime Minister, the danger which threatened us on the eve of The Institute's semi-centenary has been averted, and that there are faint signs that during the respite our Government and leaders of industry may find the way to peaceful reconstruction, from which no member of the industrial community is likely to benefit more than the marine engineer.

It would be difficult to forecast to what extent

Grade.	1st Jan., 1938.	Transfers		Elected.	Died.	Resigned.	Lapsed.	Total 31st Dec., 1938.
		From	To					
Past Presidents ...	15			1				16
Hon. Members ...	2		1					3
Members ...	3,153	1	10	127	40	34	56	3,159
Companions ...	58			4	3	1	1	57
Associate Members...	429	2		7		5	9	420
Associates ...	292	8	17	67		1	8	359
Students ...	101	17		23		4	7	96
Totals ...	4,050	28	28	229	43	45	81	4,110

engineers and naval architects, and at another was preventing the Governments of the foreign delegates from dividing the members of that conference into enemy groups.

Within the sphere of its normal activities The Institute, like other purely scientific societies at home and abroad has maintained its steady progress unchecked by the international crises which

a census of the conditions and status of the present membership would show an improvement on those prevailing when The Institute was founded fifty years ago; prolonged discussion of the subject by the Council during recent sessions, however, has left no doubt that there is a well-defined task yet to be performed before The Institute will be able to claim that it is completely fulfilling its appointed function,

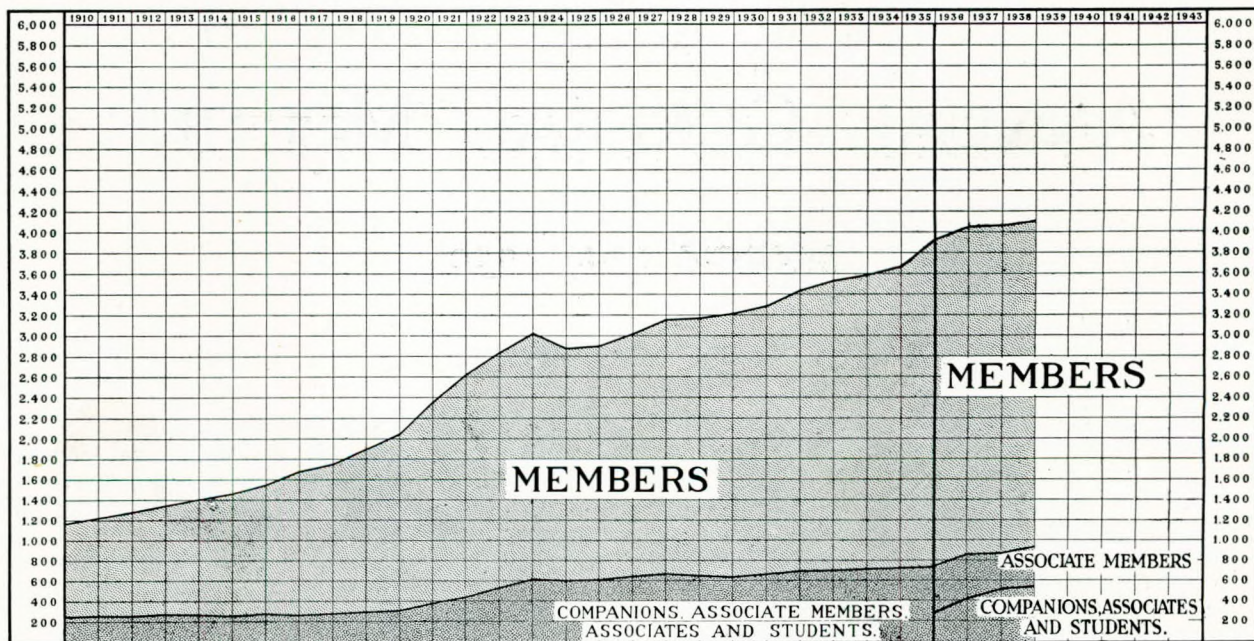


Chart of Membership.

as described in its Royal Charter, of maintaining and improving the status of the marine engineering profession. In this connection the one English word which the Founders embodied in The Institute's crest—"AHEAD"—retains its significance.

Membership.

The net changes in the Membership Roll have increased the numerical strength by 60, as shown in the table and chart on the previous page.

At the end of this report will be found obituary notices of those whose deaths have been recorded during the year. The Council have particularly felt the loss of old colleagues in Mr. Robert Leslie (a signatory to the original Articles of Association of The Institute) and Mr. George Adams, who will long be honoured for the prominent part they played in the foundation and development of The Institute. Among others of the deceased are Mr. Samuel Aitken (Vice-President) and Mr. James Howden Hume (Past Vice-President) who will be specially remembered for their past services to The Institute. Tributes to the memory of these four office holders were published in the Transactions during the year.

Papers.

During the year the following papers were read and discussed at The Institute, and have been published in the TRANSACTIONS:—

Date.	Subject.	Author.
Jan. 11th.	Modern Marine Steam Turbine Design.	S. S. Cook, F.R.S. (Member).
Feb. 8th.	Service Results with High Pressure Boilers.	Prof. A. L. Mellanby, D.Sc., LL.D.
Apr. 12th.	Steels and their Utilisation for High Steam Pressures and Temperatures.	Dr. R. W. Bailey.
Sept. 30th.	Presidential Address. The State and the Marine Engineer.	Sir E. Julian Foley, C.B.
Oct. 11th.	Gas Engines for Small Craft.	J. F. Gibbons (Associate).
Nov. 8th.	Experiments in Noise Reduction in Ships.	R. S. Robinson, B.Sc.
Dec. 13th.	'Loded' Cast Irons.	H. J. Young (Member).

On the recommendation of the Special Committee of Adjudicators, the Council have unanimously made the following awards in respect of the above papers:—

The Denny Gold Medal to Mr. S. S. Cook, F.R.S., for his paper entitled "Modern Marine Steam Turbine Design".

The Institute Silver Medal to Professor A. L. Mellanby, D.Sc., LL.D., for his paper entitled "Service Results with High Pressure Boilers".

The following papers, which have not been read or discussed at The Institute, were published in the TRANSACTIONS during the year:—

Issue.	Subject.	Author.
March.	Compressors and Blowers for Marine and Industrial Use. (Junior Section Lecture).	E. Markham, Wh.Ex. (Member).

March.	Condenser Tube Corrosion—Some Trends of Recent Research (with discussion by correspondence).	R. May, A.R.S.M.
March.	Preparing a Diesel Engine for Sea	John Lamb (Member).
June.	Grit Collecting and the Treatment of Flue Gases. (Junior Section Lecture).	Crawford W. Hume.
July.	The Operation and Maintenance of Air Compressors. (Sir Archibald Denny Award Essay).	L. J. Holman (Member).
August.	Marine Engineering Problems of To-day. (Read at the International Conference of Naval Architects and Marine Engineers, London, June, 1938).	Sterry B. Freeman, C.B.E., M.Eng. (Vice-President).
September.	The Progress of the Internal Combustion Engine During the Last Twenty Years. (Read at the International Engineering Congress, Glasgow, June, 1938).	H. R. Ricardo, B.A., F.R.S.

International Conference of Naval Architects and Marine Engineers, London, June, 1938.

From the full report published in the August, 1938, TRANSACTIONS, members will be aware of the unqualified success which attended the International Conference of Naval Architects and Marine Engineers held in London under the joint auspices of The Institute of Marine Engineers and The Institution of Naval Architects from Thursday, 16th June to Saturday, 18th June, 1938.

The technical meetings, visits and social events were well attended, and the personal associations formed with the delegates from abroad have contributed materially to the cause of international co-operation, so earnestly desired by the peoples of all countries. The specially happy relationship with the American delegation was marked by the presentation of a Presidential Chair to each of the two British institutions by the American Society of Naval Architects and Marine Engineers. An account is also given in the August TRANSACTIONS of the kindly action of our own Members in New York in deputing Mr. J. H. King and Mr. J. L. Luckenbach to call at The Institute during their visit to London in connection with the Conference to convey the greetings and felicitations of the New York Members.

Reference to the Conference would not be complete without reiteration of the part played by Mr Alfred Robertson, C.C., who was instrumental in arranging the memorable Guildhall Reception. His unremitting activities in connection with the promotion and arrangement of this event were recognised in a vote of thanks accorded to him by the Conference Committee at their meeting on 30th November, and as Chairman of the Special Reception Committee of the City Corporation he received

the special thanks of The Institute Council at their first post-Conference meeting on the 11th July, 1938. In the October TRANSACTIONS an account is given of a Dinner in the Guildhall Art Gallery, at which Mr. Robertson presided, given by the Members of the Special Reception Committee of the Corporation of London to mark the successful conclusion of the June event.

International Engineering Congress, Glasgow, June, 1938.

The International Engineering Congress, under the joint auspices of ten of the leading technical institutions including The Institute, was held at Glasgow from the 21st to 24th June, 1938, and was attended by about a thousand members representing twenty-two countries, including many who had participated in the preceding International Conference of Naval Architects and Marine Engineers in London. A full account of the proceedings of the Congress was published in the August TRANSACTIONS.

Junior Section.

Lectures have been held under the auspices of the Junior Section at technical colleges in the London area with continued success and the Council are grateful to the lecturers who have so willingly given their services in this connection. They have spared no pains in the preparation of their papers and in illustrating them copiously with lantern slides and in some cases films. The complete programme was as follows:—

Date.	Subject.	Author.
Jan. 7th.	(At the South East Essex Technical College, Dagenham). Supercharging of Diesel Engines.	Dipl. Ing. Alfred Büchi (Member).
Feb. 17th.	(At Woolwich Polytechnic). Deep Sea Diving and Salvage Operations.	Capt. G. C. C. Damant, C.B.E., R.N. (ret.).
Mar. 17th.	(At the Sir John Cass Technical Institute, Aldgate, E.C.3). Grit Collecting and Treatment of Flue Gases.	Crawford W. Hume.
April 7th.	(At Leyton Technical College). Progress in Steam Engine Design.	G. R. Hutchinson (Member).
Oct. 20th.	(At Wimbledon Technical College). Diesel Electric Drives.	Robert Marsh, B.A.
Nov. 17th.	(At L.C.C. School of Engineering and Navigation, Poplar). Steering Gears.	G. Buchanan, B.Sc.
Dec. 8th.	(At South East London Technical Institute). Propellers.	F. McAlister (Member).

The following students have been awarded the Council's prizes, each of two guineas, for the best essays submitted in connection with the above lectures:—

T. F. Smith and D. J. Weatherby (both students of South East Essex Technical College); F. A. Stallworthy (Woolwich Poly-

technic); L. A. Bridge (Northampton Polytechnic); W. C. Cantes (Leyton Technical College); J. C. Hughes (L.C.C. School of Engineering and Navigation, Poplar).

Junior Meetings in Provincial Centres.

It will be recalled that at the last Annual General Meeting a proposal was made that in view of the success of the Junior Section meetings with students of technical colleges in the London area, the scheme should be extended to the provinces. The Council adopted the proposal and the first provincial meeting was held at Belfast College of Technology on 13th December, with notable success, as reported in the January, 1939, issue of the TRANSACTIONS. Similar meetings have been arranged at Sunderland Technical College and with the Engineering Society of Glasgow University.

Transactions.

The Papers and Transactions Committee have continued during the past year to devote much time and effort to increase further the value of the TRANSACTIONS to members. Continued expressions of appreciation of the "Abstracts of the Technical Press" section of the TRANSACTIONS having made clear the desirability of regarding this development as permanent, the Council accepted the Committee's recommendation that the work of abstracting and sub-editing this section be centralised by the appointment of an abstractor and sub-editor in a part-time capacity. Eng. Com'r. D. Hastie Smith, R.N., ret., was appointed to this post in December.

The Council have adopted experimentally a suggestion that an additional section of the TRANSACTIONS be devoted to matter of special educational value to junior members. A course of instruction in electrotechnology is being published in serial form during 1939.

Exchange of Transactions.

The National Physical Laboratory, the Chalmers University of Technology, Gothenburg, and the Bureau Veritas have been added to the list of societies exchanging Transactions or publications with The Institute.

Library.

Every effort has again been made during the past year to ensure that a copy of each new book likely to be of value to the marine engineer is available in the Library. In view of the record number of additions to the Library during 1938 and since the last reprinting of the Catalogue in June, 1935, it is desirable that a new edition of the Catalogue should be issued during the present year.

The demands on the voluntary services of the panel of reviewers have again been heavy, due to the large influx of new books, and the Council accord their special thanks to those who have undertaken this important work.

The service rendered by the staff in selecting

and purchasing books to meet special requirements continues to increase, particularly on behalf of overseas members. Similarly, the number of books issued on loan through the post and to members having direct access to the Library is larger than in past years. Still greater use would probably be made of these services if it were more widely known that The Institute now has a comprehensive Library of up-to-date books on marine engineering, shipbuilding, and allied subjects.

Essay Competitions.

Only one essay has been received during the year. For this essay, submitted for the Stephen Award, J. W. Webster (Member) has been granted an award of £5.

The Akroyd Stuart Award Competition.

The Council desire to call the attention of members to the changes in the regulations governing the Akroyd Stuart Award Competition. Made in the light of legal opinion these changes, which were embodied in the Awards Circular issued to all members and in notices which have appeared in the TRANSACTIONS, are intended to make the conditions more attractive and to ensure satisfactory competition for the award.

Associate Membership Examination.

Four candidates entered for the Associate Membership Examination, two of whom, J. R. Dunn and E. F. J. Plowden, passed in Section B only. The other two candidates failed in both sections.

The Examinations Board have considered the position generally and agreed that the standard of the syllabus be retained irrespective of the number of entries. It has been decided as an experiment to hold the examination in the evening instead of the day-time, it being thought that the small number of entries hitherto may have been due to would-be candidates having difficulty in arranging to sit the day examinations.

Studentship and Probationer Studentship Examinations.

Thirty-five candidates entered for the Studentship Examination, of which the following seventeen qualified for election as Students:—

A. Bedwell (Colchester Technical College); R. Brown (Buckhaven Technical School); R. J. Boxall (Wimbledon Technical College); V. S. Armstrong, J. Collin, J. W. Moore, T. V. Otterburn, A. F. Wilson (Rutherford Technical College); E. Cornwall, R. Pearce, C. L. Rees, B. Tonkin, A. White and I. J. Johns (Falmouth Technical School); J. C. Grimmett (Birkenhead Technical College); M. Simmonds (Singapore).

The following were awarded the Council's prizes for attaining highest marks in the various subjects:—

C. W. Andrew (Falmouth): English and General Knowledge.

J. Collin (Newcastle): Electrotechnology, Mathematics, and Heat Engines.

T. V. Otterburn (Newcastle): Applied Mechanics.

A. F. Wilson (Newcastle): Machine Drawing.

J. Collin (Newcastle) gained distinction (85 per cent. or more marks) in Electrotechnology, Mathematics, and Heat Engines.

J. C. Grimmett (Birkenhead) in Electrotechnology.

J. W. Moore (Newcastle) in Electrotechnology and Mathematics; and

A. F. Wilson (Newcastle) in Mathematics.

The following candidates qualified either by examination or by exemption for election as Probationer Students:—

C. W. Andrew, E. Berntzen, K. G. Fray, R. A. Gilson, W. D. Kellow, H. T. Morrison, R. Reid and D. Vincent (Falmouth Technical School), and F. M. Tree (Rutherford Technical College).

The Council desire to record their thanks and appreciation to the following for their valuable co-operation and assistance in connection with the examinations at the various centres:—

G. C. Holland, Clerk to the Governors, Technical College, Colchester; Alex. Watson, A.R.S.M., Buckhaven Mining and Technical School; C. J. M. Flood, B.Sc., Wh.Ex., Head of Mechanical Engineering Department, Wimbledon Technical College; E. Mallett, D.Sc., Principal, Woolwich Polytechnic; E. C. Edgar, D.Sc., F.I.C., Principal, Rutherford Technical College, Newcastle-on-Tyne; F. W. Ludlam, B.Sc., Technical School, Falmouth; G. F. O'Riordan, B.Sc., Principal, Battersea Polytechnic; F. R. Rogers, A.R.C.Sc., Wh.Ex., Principal, Birkenhead Technical College; W. Birrell, Registrar, Loughborough College; The Registrar, University College, Southampton; F. G. Ritchie, Vice-President, Singapore; R. A. McMillan, B.Sc., Municipal Technical College, Bootle; the Secretary for Education, Ipswich; A. Mackay, Secretary, Royal Technical College, Glasgow; B. Sandham, M.Eng., Technical College, Barrow-in-Furness; D. H. Alexander, M.Sc., Wh.Sc., Principal, Municipal College of Technology, Belfast; N. E. Thompson, Chief Engineer, Blue Star Line.

Lloyd's Register Scholarship.

Nine candidates were examined at the following centres for the Lloyd's Register Scholarship, which was kindly renewed by Lloyd's Register for competition in 1938:—

Bootle 1, Ipswich 1, Newcastle 2, Birkenhead 2, Glasgow 1, Barrow 1, Belfast 2.

The Scholarship was gained by P. P. Shrub-

sole, an apprentice of Messrs. Vickers-Armstrong, Ltd., Barrow. This candidate was subsequently awarded a Vickers Scholarship through the Institution of Naval Architects and asked to be allowed to relinquish the Lloyd's Register Scholarship. This request was granted by Lloyd's Register, the Scholarship being subsequently transferred to R. Magill, an apprentice of Messrs. Harland & Wolff, Ltd., Belfast. The Committee have allowed Magill to take up the Scholarship in 1939 so as to enable him to obtain Matriculation in the meantime. He will then study at Queen's University, Belfast.

J. A. Smith, who won the Scholarship in 1938, has commenced his second year at the City of Guilds College, South Kensington, where his progress is satisfactory.

Lloyd's Register has kindly offered another Scholarship this year.

Examinations Board.

New examiners and assessors have been nominated by the Board and appointed for the 1939 examinations, those previously appointed having completed their three years period of office.

Education Group.

At a meeting of the Group on Friday, 27th May, 1938, a discussion, opened by Mr. A. C. West, B.Sc. (Member), was held on the subject of "The Training of Marine Engineers".

Another interesting meeting was held on Friday, 18th November, 1938, when Mr. H. S. Humphreys (Member of Council) opened a discussion on "The Training of Marine Engineers and the Results of Their Training from the Point of View of the Superintendent Engineer". A report of this discussion appeared in the January, 1939, issue of the TRANSACTIONS.

Additional Representatives Appointed.

The following additional appointments of Institute representatives have been made during the year in response to invitations received from the respective bodies:—

Joint Committee on Engineering Co-operation Overseas: J. McLaren.

Engineering Joint Council: Joint Examination Board—F. H. Reid, B.Sc., Wh. Ex. and R. Rainie, M.C.

National Certificates and Diplomas in Mechanical Engineering: Marine Endorsement Consultative Committee—F. H. Reid, B.Sc., Wh.Ex.

University College, Southampton: Advisory Committee, Department of Marine Engineering—Eng. Com'r. W. A. Graham, O.B.E., R.N.R.

Engineering Public Relations Committee: Sub-Committee for Scotland—G. O. Common and L. C. Davis (Deputy).

Special Committee on Registration of

Engineers—R. Rainie, M.C., and A. C. Hardy, B.Sc. (Deputy).

British Standards Institution Committees: Marine Flanges—J. Carnaghan; Standard Marking of Valves, Flanges and Fittings—J. Hamilton Gibson, O.B.E., M.Eng.; Air Receivers—J. Carnaghan (additional); Ships' Side Scuttles and Frames—S. N. Kent, succeeded by F. M. Burgis; Standard Specification for Cables for Use on Board Ship—N. H. Swancoat.

Guild of Benevolence.

By the death of Mr. George Adams, to which reference was made earlier in this Report, the Guild has suffered a great loss. Mr. Adams was for many years Chairman of the Committee of the old Benevolent Fund and when this became merged into the Guild of Benevolence in 1934 he was unanimously elected Chairman of the General Committee of the Guild, an office to which he devoted constant interest and attention until his last illness.

The report of the past year's work of the Guild will be presented at the Fifth Annual General Meeting on April 19th, 1939. The enrolments during the past year number 33 subscribing members and 4 life members. In view of the urgency of the Guild's work in relieving distress amongst incapacitated marine engineers and widows and children of deceased marine engineers, the Council hope that enrolments during the coming year will be on a scale more in line with the response which Mr. Adams himself considered might be expected from the members of The Institute.

Premises.

The use of the Lecture Hall and/or the Library has been granted to the British Association of Refrigeration, the London Shipping Orchestral Society, the Omnibus Society, the Engineer Surveyors' Association and the Tramways and Light Railway Society for their sessional meetings, to the Honourable Company of Master Mariners for a lecture in November, and to Messrs. James Pollock, Sons & Co., Ltd., for their staff dance.

During the past year the furniture in the Reading Room has been re-upholstered, several additions have been made to the office equipment, and an appropriate setting (with mirrors in the back of the cases) has been arranged for Mr. Hampshire's ship models. In view of complaints regarding the ventilation of the Lecture Hall during meetings, the Council decided for a trial period to prohibit smoking at these meetings.

Publicity.

The past year has been one of considerable activity on the part of the Committee responsible for The Institute's publicity. In September important contacts with the press were made at a reception and dinner held at the Abercorn Rooms. A

report of this event appeared in the October TRANSACTIONS.

An offer to make available the authoritative information at the disposal of The Institute for any broadcast which might affect the interests of the marine engineer has been gratefully acknowledged by the British Broadcasting Corporation.

A highly satisfactory response has been made by the large shipping companies to the Council's request that, where applicable, the designation "M.I.Mar.E., Chartered Marine Engineer" should be inserted against the names of the engineer officers in the companies' passenger lists.

As opportunity has occurred, representations have been made with the object of obtaining recognition by Government and public bodies of the A.M.I.Mar.E. qualification.

The assistance of Vice-Presidents has been enlisted in bringing the Studentship and Probationer Studentship Examinations to the notice of local technical colleges.

Annual Golf Competition.

The Eight Annual Golf Competition was held at Shirley Park on Monday, 4th July, when the record number of forty-two members entered for the day's events. The Institute Cup was won by R. K. Craig, while L. G. Hughes and O. H. Moseley secured second and third places respectively.

A two-ball foursome bogey competition was held in the afternoon in which L. J. Le Mesurier and A. G. Richardson tied for first place with J. A. Rhynas and W. Tennant. The first-named couple won on the spin of a coin. E. B. Irwin and Eng. Rear-Admiral W. R. Parnall secured third place.

A full report of the Competition was published in the July TRANSACTIONS.

Autumn Golf Meeting.

The Autumn Golf Meeting also took place at Shirley Park on Monday, 3rd October, with twenty-two members competing. A medal competition was held in the morning, in which the first prize was won by J. G. Edmiston, the second by Eng. Rear-Admiral W. R. Parnall, and the third by E. B. Irwin. J. G. Edmiston also won the prize for the best scratch score in both summer and autumn meetings.

In the afternoon a two-ball foursome bogey competition resulted in E. B. Irwin and Eng. Rear-Admiral W. R. Parnall winning the two first prizes; Eng. Rear-Admiral J. Hope Harrison and L. J. Le Mesurier the second; and E. F. J. Baugh and F. M. Burgis the third prizes.

A full report of this meeting was published in the October TRANSACTIONS.

Annual Conversazione.

The Annual Conversazione was held on Friday, 25th November, at Grosvenor House, the President, Sir E. Julian Foley, C.B., and Mrs. R. Rainie receiving the members and their guests. The attend-

ance of 1,050 surpassed the previous year's record attendance. A report of this memorable function was published in the December TRANSACTIONS.

Annual Dinner.

The Jubilee Dinner was held on Tuesday, 7th March, 1939, at the Connaught Rooms, the President, Sir E. Julian Foley, C.B., presiding over a gathering of members and guests numbering 791. The speakers on this occasion were the Rt. Hon. Oliver F. G. Stanley, M.C. (President of the Board of Trade), Sir Alan G. Anderson, G.B.E., M.P. (Past President), Admiral Sir Roger R. C. Backhouse, G.C.B., G.C.V.O., C.M.G. (the First Sea Lord), Lord Hyndley of Meads, and the President.

Armistice Day, 1938.

Mr. R. Rainie, M.C., Chairman of Council, represented The Institute at the memorial service in Westminster Abbey and Mr. A. F. C. Timpson, M.B.E., Vice-Chairman of Council, officiated similarly at the service at the Mercantile Marine Memorial on Tower Hill, and laid a wreath on behalf of The Institute.

The Centenary of Trans-Atlantic Steam Navigation.

In the course of a lecture under the above title at the Science Museum, Eng. Capt. Edgar C. Smith, O.B.E., R.N., ret., paid a moving tribute to George Pearne, the chief engineer of the "Great Western" who was fatally injured on the 23rd April, 1838 at the conclusion of that vessel's epoch-making voyage from Bristol to New York. Inspired by this reference The Institute, the Newcomen Society and the Marine Engineers Association jointly decided to hold a ceremony to the memory of Pearne at the Marine Engineers' Memorial at Liverpool on St. George's Day, 1938, the centenary of the completion of the "Great Western's" voyage. An illustrated account of this ceremony was published in the May, 1938, TRANSACTIONS, page 117.

Visit to the Royal Naval College Laboratories, Greenwich.

On Saturday, 11th June, 1938, a party of 60 members visited the Royal Naval College Laboratories, Greenwich, by kind invitation of the President, Vice-Admiral Sir Sidney R. Bailey, K.B.E., C.B., D.S.O. A full account of this visit appeared in the July TRANSACTIONS.

Board of Trade Departmental Committee on Examination of Seagoing Engineers.

In September last the Board of Trade gave effect to the recommendations of the above Committee, on which The Institute was represented, by issuing regulations relative to the new system of examination. Full particulars of these new regulations were published in the November, 1938, TRANSACTIONS, page 250 *et seq.*

Status of the Marine Engineer.

During the past year the Council, on the Chairman's initiative, have given further consideration to the question of improving the status of the marine engineer. The discussions led to the formation of a Sub-Committee and as a result of this Committee's deliberations the following letter has been sent to the Shipping Federation, by whom it is now being considered:—

12th January, 1939.

"The Secretary,
The Shipping Federation,
52, Leadenhall Street,
E.C.3.

Dear Sir,

The Council of this Institute have been giving further consideration to the difficulty which shipowners have experienced for some time past in obtaining suitable engineer officers. Of more recent date the type of personnel offering as junior engineers has in many cases been of a much lower standard of training and technical ability than that hitherto available. The Institute of Marine Engineers views this trend with some concern. The Institute's function primarily is to maintain and improve the status of marine engineers and this influx of semi-skilled personnel cannot but have a detrimental effect on this status. The Institute is of the opinion that their aim at improving the status of the engineer is not incompatible with that of the shipowner in finding suitably skilled personnel for his ships, and submits the following suggestions for consideration.

(1) Steps should be taken by the shipowners in co-operation with the Government and The Institute to establish some system of central training and apprenticeship, as for example, by extending the scope of the Royal Merchant Navy School at Wokingham to provide for the enrolment of apprenticed marine engineers at school leaving age and their combined workshop and technical training up to the standard required for engagement by the shipping companies as junior engineers. The practical training in the school should be followed by the necessary training in the workshops of a shipbuilder or an engineering firm by arrangement between the shipowner and these firms.

(2) That the advantages to be obtained by the young university or technical college graduate going to sea for three years or more with a view to obtaining practical certification which would be complementary to his technical education, be pointed out to the Principals of the technical schools and colleges, and that attention be drawn to the fact that there is no field for employment of young engineers which offers such early opportunity of gaining responsibility and executive experience, which is

the foundation on which personality and initiative are developed.

(3) That whenever possible junior engineers before proceeding to sea should have passed part A of the Board of Trade Second Class Examination or should hold whole or partial exemption therefrom. This would ensure at least a minimum degree of culture and would undoubtedly be a step towards the right use of the title "officer" or "engineer".

(4) A young man having taken up the profession of marine engineer, he should be guaranteed continuity of employment as far as possible. It is useless to expect the better class men to follow a profession where the conditions of working are frequently of a casual nature. To meet the service conditions in the smaller tramp companies a pool system ensuring continued employment should be instituted. The existing Pension Scheme should be linked up with this pool, thus offering the man continuous employment with provision for his old age.

(5) The present conditions of remuneration of young engineers should be improved. On completing their apprenticeships there are numerous counter attractions offering a higher rate of remuneration than could be obtained by proceeding to sea, with possibly greater opportunities in later life as experience is obtained—such openings as fitters in the aircraft industry and bus drivers might be instanced. Marine engineers' remuneration in relation to the foregoing is an important matter to be considered. It may be argued that in the present condition of the industry it is not possible to increase scales of remuneration. If, however, a better type of personnel was attracted to the service it is probable that the greater cost involved would be more than offset by savings due to the better manner in which the machinery of the vessel and its efficiency would be maintained.

(6) The practice of marine engineers messing with navigating officers should be encouraged as far as possible.

(7) The accommodation on board ships for marine engineers is a matter also worthy of consideration. It is not possible to attract young and intelligent men to sea life under the living conditions which are frequently provided.

(8) The Council is of the opinion that an adequate supply of trained engineering personnel would be available for manning the Merchant Navy, but that to ensure that intelligent men with the necessary skill and ability follow this profession it is necessary that the conditions and prospects be made sufficiently attractive.

The Council have directed me to submit

the foregoing observations and suggestions for the consideration of your Manning Committee.

I am, dear Sir,
Yours faithfully,
B. C. CURLING,
Secretary".

Vice-Presidents.

London. Mr. S. N. Kent has accepted nomination to succeed Mr. W. McAuslan (retired) and Mr. R. Rainie, M.C., has accepted nomination as an additional Vice-President.

Merchant Navy. Mr. Llewelyn Roberts, C.B.E., of the Cunard White Star, Ltd., has accepted nomination to succeed Mr. R. Merry of the Union Castle Line (retired by rotation).

Montreal. The Council have considered it desirable to appoint a Vice-President for the port of Montreal, and Mr. D. B. Carswell has been pleased to accept nomination in this capacity.

Japan. During the year the Council appointed Mr. H. D. Buchanan of Nagasaki to succeed Mr. J. F. Nicholas of Yokohama, who has resigned on his return to this country. Mr. Buchanan has since been transferred to Yokohama.

San Francisco. In May the Council decided to appoint Mr. C. E. Petersen as Vice-President for San Francisco, as this port had not been represented since the transfer of Mr. F. G. Archbold to Los Angeles.

Bombay. In September Mr. H. P. Southwell was appointed to represent Bombay in place of Mr. J. Younger, the latter having resigned on his return to this country.

New York.—Mr. J. L. Luckenbach has been nominated by the New York members to succeed the late Mr. S. Aitken.

All the above-mentioned nominees are subject to formal election at this meeting.

Joint Meeting of Kindred Societies.

In response to an invitation from the Institution of Automobile Engineers The Institute participated in a joint meeting of kindred societies on Tuesday, 1st March, 1938, in the Great Hall of the Institution of Civil Engineers, when a paper was read on the subject of "Essential Road Conditions Governing the Safety of Modern Traffic".

Marine Endorsement of National Certificates in Mechanical Engineering.

A proposal by the Education Group that representations be made with the object of establishing a scheme for a marine endorsement of National Certificates in Mechanical Engineering was adopted by the Council. The Board of Education and the Institution of Mechanical Engineers signified their agreement with the proposal and at a meeting with representatives of these two bodies on the 31st March a draft notice announcing the adoption of the scheme was approved for circulation to technical colleges in marine centres. The scheme was sub-

sequently adopted by the Scottish Education Department, and efforts are now being made for its extension to allow of the counter-signature of Certificates issued to students of approved colleges before the date of adoption of the scheme.

Election of Mr. Alfred Robertson, C.C. as an Honorary Member.

As a mark of recognition of his services since his appointment as Honorary Treasurer and Convener of the Social Events Committee 20 years ago, Mr. Alfred Robertson was unanimously elected an Honorary Member of The Institute at the January, 1938, Council meeting.

The Engineers' Guild.

On the 16th May a meeting of engineers was held in Caxton Hall, Westminster, to consider the proposed formation of the above-named body. The basis of the proceedings consisted of a report (in the form of majority and minority reports) by a Committee appointed at a meeting of engineers held in London on the 17th November, 1937, to investigate the possibility of improving the status of the professional engineer. Certain omissions from this report, prejudicial to the interest of members of The Institute, demanded the very careful consideration of the Council. The Chairman, Mr. R. Rainie, was appointed to attend the meeting to take appropriate action, and for his effective representation in this capacity he was subsequently warmly thanked by the Council. The development has since been watched with the closest attention, and it can be said that the Council's attitude is in line with that of the other constituent institutions of the Engineering Joint Council.

Exemption from Associate Membership Examination of the Institution of Civil Engineers.

The Institution of Civil Engineers have announced that Corporate Members of The Institute of Marine Engineers who have qualified, in or after the year 1936, by examination in the requisite subjects of Sections A and B of the Associate Membership Examination of The Institute will henceforward be entitled to exemption from the whole of Section B of the Associate Membership Examination of the Institution of Civil Engineers.

Staff.

Miss R. B. Laurenson, junior clerk, resigned her appointment in June.

Mr. R. Cane was appointed junior clerk in the same month.

As reported elsewhere, Eng. Com'r. D. Hastie Smith, R.N., ret., has been appointed abstractor and sub-editor in a part-time capacity.

Institute Prizes to Students of Technical Colleges in Marine Centres.

Twenty-four colleges again nominated candidates for the Council's prizes of one guinea each for the best students of Heat Engines during the year

1937-38, and the following have been awarded prizes :—

J. H. Thomson, Robert Gordon's Technical College, Aberdeen; T. Willis, College of Technology, Belfast; E. D. Burt, Cardiff Technical College; J. Laing, Dundee Technical College; B. C. Tonkin, Falmouth Technical School; R. S. Oliver, Royal Technical College, Glasgow; J. McNaught, Greenock Technical College; H. Ford, Hull Municipal Technical College; T. Boleyn, Leith Technical College; J. W. Browne, City of Liverpool Technical College; F. J. Walters, the Polytechnic, Regent Street; A. G. Hunt, L.C.C. School of Engineering and Navigation, Poplar; W. J. Lemon, West Ham Municipal College; F. W. Warden, Woolwich Polytechnic; H. Best, Constantine Technical College, Middlesbrough; G. N. Forbes, Rutherford Technical College, Newcastle-on-Tyne; H. J. Coles, Plymouth and Devonport Technical College; L. A. Lee, Portsmouth Municipal College; A. J. Hopkins, University College Southampton; E. Brown, Marine School of South Shields; C. F. Croisdale Technical College, Sunderland; A. D. Murray, Swansea Technical College; and E. H. Yuill, West Hartlepool Technical College.

Extra First Class Engineer's Certificate Examination—Institute Awards.

The Council have adopted a proposal that The Institute should award an annual prize, in the form of a medal, to the candidate attaining the highest position in the Extra First Class Engineer's Certificate Examination. The proposal has since been approved by the Board of Trade, and after consultation with the Board the first award has been made in respect of the 1938 examinations to Mr. Thomas Shaw.

Reports of Representatives on the various Outside Bodies.

The Engineering Joint Council. (Representative: Mr. John McLaren; co-opted, The President).

The work of the Joint Council during the past year has been principally concerned with that of the Committee on Co-operation between Members Resident Overseas and the Engineering Joint Examination Board which are the subjects of separate reports.

The Engineering Joint Council, Committee on Co-operation between Members Resident Overseas. (Representative: Mr. John McLaren).

As envisaged in the last report the Committee has encountered innumerable difficulties in its investigation of this matter. Committees are being formed in various countries and The Institute has nominated Mr. H. Bishop as its representative on the Egypt Committee, Mr. W. O. Lambert on the Hong Kong Committee and Mr. R. S. Shaw on the Ceylon Committee. It is anticipated that a con-

siderable time will elapse before the Main Committee will be in a position to submit its conclusions.

The Engineering Joint Examination Board. (Representatives: Mr. F. H. Reid, B.Sc., Wh. Ex. and the Chairman of Council).

The Engineering Joint Examination Board has been formed to implement the proposals which have been agreed by the constituent institutions of the Engineering Joint Council for the establishment of a common preliminary examination. The initial meeting has been held and a further meeting arranged for February 9th, 1939.

Lloyd's Register of Shipping, Technical Committee. (Representative: Mr. S. B. Freeman, C.B.E., M.Eng.).

This Committee met on the 29th November for the purpose of considering proposed alterations in the Society's Rules. The Rules for Steering Gears were modified to agree with the latest requirements of the Board of Trade. The Rules and Regulations for the Construction and Classification of Steel Trawlers were extended to deal with trawlers of larger size than those envisaged in the Rules issued in 1927, and the construction and arrangement of oil bunkers was dealt with. Alterations and additions to the Rules relating to machinery were made to bring them in line with present-day practice. The Rule relating to the testing of steam pipes was amended to include such pipes in motor ships, and to read that the steam pipes and principal boiler mountings are to be examined at the periodical surveys, and that either the whole of the steam pipes should be tested in place or alternatively selected pipes should be tested at the First Special Survey No. 2 and subsequent Special Surveys. Arrangements for carrying, pumping and burning oil fuel were dealt with to make for further safety. The Rules for Steam Engines and Boilers were amended to provide for the submission of certain plans for approval, the hydraulic testing of cylinders and casings, and for the provision of an efficient feed filtering system when superheated steam is used. In the Rules for Shafts all references to mild steel scrap were deleted, and attention was drawn to the possibility of torsional vibration stresses arising. The Rule requiring the fitting of keys or dowels at the junction of body pieces and webs of built crankshafts was rescinded where the yield point of the material of the webs is not less than 14 tons per sq. in.

The Rules for Petrol and Paraffin Engines, Heavy Oil Engines and the Air Auxiliaries were amended in some details. Refrigerating Machinery and Appliances were dealt with mainly to make it clear that each unit should have an independent gas and liquid system.

The Merchant Shipping Advisory Committee. (Representative: Mr. J. B. Harvey).

Only one meeting of the Committee has been

held since the last report. At this meeting the life-saving appliances for fishing vessels and the carriage of a line-throwing apparatus for small ships were discussed; several alterations and additions to the existing Board of Trade Regulations were agreed.

Corrosion Research Committee of the British Non-Ferrous Metals Research Association. (Representative: Mr. Jas. M. Dewar).

The paper published in the Transactions on "Condenser Tube Corrosion: Some Trends of Present Research", by R. May, provoked an interesting discussion by correspondence and has provided the investigators with valuable information. A meeting of the Committee was held on 22nd February, 1938, at which reports were presented dealing with the subjects of the biological factors in the corrosion of condenser tubes and the effect of iron and manganese in 70:30 cupro-nickel on its resistance to corrosion. On the biological side the work had been mainly concerned with the examination of sea water which had given abnormal pitting in the jet test and on bacteria which produce hydrogen sulphide. From cultures from the sea water used in the jet test two main types of bacterial colony were obtained which laboratory tests showed were able to cause pitting. Further work has been in progress having for its object the purification and identification of the organisms in the two types of colony. Work on bacteria-producing hydrogen sulphide has led to the development of a method, which is the subject of a patent application, for the inhibition of sulphate-reducing bacteria in tanks or enclosed systems generally. The results of jet tests, experimental condenser tubes and other tests on cupro-nickels with a wide range of iron and manganese contents are summarised in a report by R. May and R. Rigby on "The Effect of Iron and Manganese on the Resistance of 70:30 Cupro-Nickel to Corrosion". This work has demonstrated that both iron and manganese in suitable amounts are essential minor constituents of 70:30 cupro-nickel condenser tubes having the best resistance to impingement and other corrosive attack. The minimum iron and manganese contents for good resistance to impingement and deposit attack are given. Since this report was presented, additional confirmatory tests have been carried out and a small brochure entitled "Cupro-Nickel Condenser Tubes—Minor Constituents (Iron and Manganese)" has been prepared for issue early in 1939, briefly reviewing the position and recommending suitable iron and manganese content of 70:30 cupro-nickel tubes. It is pointed out in this publication that "while 70:30 cupro-nickel tubes, low in iron and manganese, give excellent service in most conditions of use, the presence of definite amounts of iron and manganese (as recommended) has the effect of making a good material still better able to resist severe service conditions".

Heat Engine Trials Standing Committee. (Representatives: Messrs. J. Carnaghan and G. J. Wells).

Nothing further to report.

Marine Oil Engines Trials Committee. (Representatives: Messrs. S. B. Freeman, C.B.E., M.Eng. and H. S. Humphreys).

No engines have been put forward for test, and the Committee have not been called together during the past year.

L.C.C. School of Engineering and Navigation, Poplar, Advisory Committee. (Representative: Mr. H. J. Vose).

Again it is possible to report a very successful year's work at this School, with an increased number of students. Although recently the buildings were enlarged it has been necessary to add further to the accommodation, and building operations are now in progress which will add considerably to the class and workshop facilities. A new feature will be a well-equipped gymnasium which will be a great asset to the social life of the pupils. Unfortunately, owing to the building operations, it will not be possible to have the usual open night this new year, but a distribution of prizes has been arranged on a smaller scale for the benefit of the parents. The fees for students for Board of Trade Certificates have been modified to benefit those sitting under the new Regulations. A successful meeting was held in November last under the aegis of the Junior Section of The Institute when a paper was read by Mr. G. Buchanan, B.Sc. dealing with "Steering Gears". Seagoing engineers or navigators, or those intending to go to sea in either capacity, would do well to get into communication with the Principal in order to take up a course of study which would prepare them for the future Board of Trade Examinations. The recent crisis affected the School for the short time it lasted. Arrangements had been made to evacuate all students and everything was in full train for the signal to go. Fortunately it was not necessary.

Association of Special Libraries and Information Bureaux. (Representative: Mr. B. C. Curling).

There has been a substantial increase in the number of institutions and societies subscribing to the ASLIB Book-List (quarterly recommendations of recently published scientific and technical books); this increase in the third year of publication is a testimony to the value of the list.

The publication in 1937 of the "Select List of Standard British Scientific and Technical Books" proved to be so successful that the British Council asked ASLIB to bring out a second edition. This edition, enlarged and revised, was issued in May, 1938.

Steadily increasing use is made of the ASLIB Enquiry Bureau, many enquiries involving considerable investigation.

Eighty-six names have been added to the ASLIB Register of Specialist Translators, the use of whose services is again commended to Members of The Institute requiring technical translations of the highest standard.

At the Fifteenth Annual Conference in September the programme included, among other important contributions, a paper on "The Evaluation of Scientific and Technical Periodicals" by Mr. E. Lancaster-Jones, B.A. (Keeper, The Science Library). The Proceedings of these Conferences, which contain information of considerable value to all engaged in technical work, are obtainable on loan from The Institute Library.

British Society for International Bibliography. (Representative: Mr. B. C. Curling).

At the March Ordinary Meeting Mr. B. J. Brajnikoff read a paper entitled "The Abstracting of Russian Literature". As a result of the discussion which followed a Committee was set up to investigate the abstracting of Russian literature in this country and if possible to find means of co-ordinating the work that is being done. The Institute was represented on the Committee by Mr. A. J. Helyer.

Work on the English Edition of the Universal Decimal Classification (Class 5. Pure Science) is nearing completion, most of it being in the proof stage. A further nine institutions have adopted the U.D.C. during 1938.

On behalf of the International Federation for Documentation the Society organised the Fourteenth International Conference on Documentation at Oxford and London from 21st-26th September. In all over 350 members attended the Conference and over 30 Governments and 160 institutions sent delegates.

Royal Naval Reserve. (Representative: Mr. J. B. Harvey).

A meeting of the above Committee was held on November 17th. The only item on the agenda of interest to The Institute was the introduction of the new Admiral Commanding Reserves, Vice-Admiral Sir Noel F. Laurence, K.C.B., D.S.O.

Marine Fuel Committee of the Coal Utilisation Council. (Representatives: Mr. E. W. Green, O.B.E., Engr. Rear-Admiral W. Scott Hill, and Engr. Rear-Admiral W. M. Whayman, C.B., C.B.E.).

The main business before the Committee at their only meeting in 1938, on the 8th September, was consideration of the report of the Coal Bunkering Committee of the Mines Department (see separate report on this). The Marine Fuel Committee of the Coal Utilisation Council decided to support the recommendation in the Government Report that the possibilities should be explored of building a ship, as an experiment, embodying all

modern improvements in steam technique. The other subject dealt with at the meeting was the notification of the recent decision of the Herring Industry Board to give support to the oil-driven drifter.

World Power Conference, British National Committee. (Representative: Mr. J. Hamilton Gibson, O.B.E., M.Eng.).
Nothing to report.

The British Corporation Register of Shipping and Aircraft, Committee of Management and Technical Committee. (Representative: Mr. R. T. Wilson).

The work of the Committee included the preparation and approval of Provisional Rules for Fusion-welded Boilers and Other Pressure Vessels, which were published in July. These Rules are of a general character only and are confined to standards of strength and workmanship, because it was felt that the premature issue of detailed requirements tended to stereotype methods and practice which might later prove to be ineffective or unnecessary. Revision of the Ship and Machinery Rules was deferred in order that consideration might first be given to the regulations for ships' electrical plant prepared by the Ship Electrical Equipment Committee. Special attention was given, however, to the subject of quality of ship and boiler material and the Committee instructed its representatives at the British Standards Institution to emphasise that there will be no relaxation in the British Corporation regulations for the standard and quality of material to be used in the construction of ships and boilers built under the Society's supervision. The Committee were consulted by the Board of Trade on various matters affecting load line administration. Representatives have been nominated to several new committees set up by the British Standards Institution, that on ships' side scuttles and frames being of particular interest and importance from the classification standpoint.

The Institution of Electrical Engineers—Ship Electrical Equipment Regulations Committee. (Representatives: Messrs. S. A. Smith, M.Sc. and N. H. Swancoat).

A considerable number of meetings of the Main and various Sub-Committees has been held during the past year and good progress has been made with the drafting and preparation of the new rules.

The Institute of Welding. (Representative: Mr. T. R. Thomas, B.Sc.).

The work of the Ships' Structures Panel of the Research Committee of the Institute of Welding is most interesting to Members of the Institute. The Committee decided that they would carry out comparative tests between welded and riveted structures as used in ships and have installed at a steel works

a large scale testing machine. The design of this machine is most interesting and a detailed description of it was published in the Transactions of the Institute of Welding, 1939, Volume 11. Specimens up to 24ft. in length and 9ft. in width can be subjected to a total distributed load of 180 tons. This is accomplished by means of six rams which act along the length of the specimen under test; a mechanical device has been evolved which distributes the load equally across the width of the panel where the specimen is a girder formed of a bar attached to plating. Measurements of stress are taken with Huggenberger tensometers and dial deflection meters. A panel 16ft. in length by 6ft. in width, having three channel stiffeners riveted to it, has been tested with various forms of end attachments. Comparative tests are now proceeding on a similar panel with welded tee stiffeners. The data thus obtained will be correlated to practical conditions by subjecting deep tanks on typical ships under construction to tests, so that, after the programme laid down by the Sub-Committee is carried out, very valuable information should be available.

The Parliamentary Science Committee. (Representatives: Messrs. H. S. Humphreys and T. R. Thomas, B.Sc.).

Mr. S. F. Markham, M.P. has been elected chairman in place of Professor J. Graham Kerr, M.P.; otherwise the Executive remains the same. Since the previous report the constituent bodies have increased in number to 26, five new bodies having affiliated, viz. the Institution of Fire Engineers, the Greater London Professional Fire Officers' Fire Board, the British Association of Chemists, the Institute of Petroleum and the League of Science. Negotiations for the recruitment of other bodies are proceeding. The Committee has been very active during the year and quite a number of interventions in debate were made by various members who are M.P.'s, while in addition a large number of questions (details of which will be found in the publication "Science in Parliament" available in The Institute's Library) have been asked in the House of Commons. The Committee met on three occasions during the year and there have been various sub-committee meetings. Among the subjects considered were the Patent Office Library, oil tankers, development and finance of research, and the Thames Barrage. The remission of income tax on industrial research has also been given consideration, and several lectures have been arranged during the year. Approach has been made to the British Association with a view to establishing a liaison between the Committee and the new section formed by the Association to deal with the social relations of science.

The British Electrical and Allied Industries Research Association: Joint Committee: Steels for High Temperatures. (Representative: Dr. S. F. Dorey).

During the past year the resistance of special steels to stress over long periods of time and their possible susceptibility to attack by gases, including oxidation and scaling, has received considerable attention, and the results obtained are providing industry with fundamental data for design purposes. Investigation has also been carried out on steels for high pressure and high temperature superheater and steam pipe service. Another aspect that has received attention is the development of methods of test by which comparative data for acceptance purposes can be obtained. The determination of creep properties requires a long time, but systematic research, which has been continued during the past year, is making data available for the guidance of engineers, and at the same time is supplying information on which a more fundamental conception of creep phenomena can be based.

Recently a report on steels for high temperature service has been issued, giving a summary of the research carried out during the past eight years on the development of steels for the construction of plant operating within the range of 350° C. to 600° C., and the development of methods of test.

A further report is in course of preparation, dealing with the properties of steels as a basis for design for high temperature service, and it is intended to issue reports in due course dealing with intercrystalline cracking, oxidation and scaling in air, flue gas and steam atmospheres, effect of condition and heat treatment upon creep behaviour and short-time creep tests for acceptance purposes.

Joint Committee on Materials and Their Testing of Technical Institutions and Societies in Great Britain. (Representative: Dr. S. F. Dorey).

Three meetings have been held during the past year, whilst a very successful discussion on "Non-Destructive Testing" was held under the auspices of The Institution of Electrical Engineers on the 25th November last. Nine papers were presented, including one on "Acoustic and General Methods of Non-Destructive Testing" by Dr. S. F. Dorey, The Institute's representative. The proceedings of the meeting will, it is understood, be published in a special issue of the Journal of The Institution of Electrical Engineers early in the Spring.

Arrangements have also been made to hold two discussions annually in future—one in London, and the other in the provinces, and in this connection, a discussion on "The Properties and Testing of Heat Insulating Materials" will be held in November next, in conjunction with The Institution of Gas Engineers, whilst preliminary negotiations have been commenced with a view to a meeting being held in the provinces in the Spring of 1940.

During the year The Institution of Chemical Engineers has joined the collaborating bodies represented on the Joint Committee, which now includes representatives of 26 institutions and societies.

Engineering Public Relations Committee. (Representatives: General Committee, Messrs. R. Rainie, M.C. and A. C. Hardy, B.Sc.; Executive Committee, the Secretary; Sub-Committee for Scotland, Messrs. G. O. Common and L. C. Davis).

The Committee has been busy during the past year in establishing its contacts with the press and the general public. Christmas lectures to young people were given in London, Edinburgh and Aberdeen, as well as a series of twelve lectures on "The Engineer and the Community" at the Mary Ward Settlement, London, and lectures have been arranged for a Rotary Club, a scientific society, a school, and a group of young people at a public library. A lecture for secondary school boys and careers masters has also been arranged. An exhibit of drawings and photographs of swimming pools was shown at Ipswich and Belfast, and a model of a block of flats of suitable design was made for exhibition at the Public Health Services (including Engineering and Equipment) Exhibition and Congress.

Participation in the work of the Engineering Committee responsible for the exhibits in the Engineering Pavilion at the New York World's Fair, 1939, has also been undertaken. Lists of eminent engineers have been drawn up with a view to exhibiting their portraits, and engineering films suitable for display in the cinema attached to the British Pavilion are being selected.

Mr. Rainie and Mr. Hardy have been appointed to the Committee which has been set up to investigate the possibilities, advantages and disadvantages of statutory registration of engineers.

Mines Department: Committee on Use of Coal in the Merchant Navy. (Representative: Engineer Rear-Admiral W. Scott Hill).

The deliberations of this Committee resulted in the issue of a unanimous report on the 1st July, 1938, the report being published by H.M. Stationery Office at 4d. net. The Committee was dissolved immediately on issue of the report, its function then being complete.

The Institution of Civil Engineers, Advisory Panel on Engineering Abstracts. (Representative: Mr. A. C. Hardy, B.Sc.).

The Committee met on 18th November to consider if any changes should be made in the form, matter or subscription rates of "Engineering Abstracts" during 1939, as a result of the experience gained during 1938. A number of suggestions for minor improvements were adopted. It was agreed that the abbreviations shown in the "World List of Scientific Periodicals" should be adopted in future. The sub-divisions in Section 2 (Mechanical Engineering), having been found not altogether satisfactory, are being reviewed. It having been decided that Section 3 (Shipbuilding and Marine

Engineering) would in future consist of 24 pages per issue, which is twice the number originally envisaged, it was agreed to double the subscription rate for this Section, i.e. an increase to 12s. per annum for members of co-operating bodies and 24s. per annum to the general public. Arrangements are to be made for the supply of spring-back binding-cases for the various Sections at a charge not exceeding 3s. each. Six further bodies have agreed to co-operate in the issue of "Engineering Abstracts" and the question of co-operation is also under discussion with five other societies.

University College, Southampton: Advisory Committee, Department of Marine Engineering. (Representative: Eng'r. Com'r. W. A. Graham, O.B.E., R.N.R., ret.).

The College has now opened the projected Department of Marine Engineering and classes commenced about the middle of December. No meetings of the Advisory Committee have yet been held, but it is anticipated that they will meet at an early date.

British Standards Institution.

Petroleum Industry Section: Technical Committee PT/2, Fuel Oils; Technical Committee PT/3, Lubricants. (Representative: Mr. J. L. Chaloner).

The work of this section has been chiefly confined to the revision of the Classification for Lubricating Oils, Specn. No. 210. The new classification consists of the definition of five main groups, which are then sub-divided into viscosity grades under "Light", "Medium", "Heavy", etc., in accordance with commercial practice; limiting figures are quoted for each grade. All tests except viscosity (and demulsification in the case of Group 1) are omitted, the significance of various tests being indicated in the Notes. The revision, therefore, should leave no doubt that this classification is not intended to define the suitability of a lubricating oil for a specific purpose; it is, in fact, a standard segregation of lubricating oils according to their viscosity, on which specifications may be built up by the addition of other physical or chemical characteristics considered desirable by the user for his specific purpose.

Benzoles.—The Committee, in conjunction with the National Benzole Association, has now completed the revision of B.S. Specn. No. 135, which covers pure benzoles for nitration, motor benzoles, 90° benzoles and industrial brands. The tests adopted by the Standardisation of Tar Products Tests Committee are quoted in the form of a large number of appendices.

Creosotes.—Specification No. 616 has been issued during the year under review and deals with the sampling of coal-tar and its products, of which creosote oil forms a section. (Members are reminded that Specn. No. 503 deals with Creosote for Fuel in Furnaces).

Work has commenced on the preparation of a specification for pressure creosoting for the preservation of timber. (Members are reminded that Specn. No. 144 deals with Creosote for the Preservation of Timber).

Gears and Gear Materials for Cranes and Derricks. (Representative: Mr. A. E. Crighton).

One meeting of this Committee has been held since the last report. At this meeting the revised draft B.S.S. 436 was reviewed and after certain modifications had been made it was agreed that it should be circulated to the industry for comment and criticism. This completes the progress made to December, 1938.

Screw Threads. (Representative: Engr. Rear-Admiral W. M. Whayman, C.B., C.B.E.).

There has been no meeting of the Committee on Screw Threads during 1938, but a meeting of the Sub-committee ME/1/9, Bright Bolts and Nuts was held in December last. At this meeting:—

- (1) A British Standard for spring washers was reviewed and, subject to the amendment of the draft by the panel to meet the comments, the draft specification was approved for circulation to interested organisations.
- (2) The draft specification for wing nuts was considered.
- (3) It was agreed to undertake the preparation of a standard for metallic washers for B.A. screws.
- (4) Revision of B.S. No. 57, Heads for B.A. Screws, was dealt with.
- (5) Revision of B.S.S. Nos. 190, 191 and 193, Bright Bolts and Nuts, was progressed.

This Sub-committee has now been raised to the status of a technical committee and will report direct to the Mechanical Industry Committee; the reference number in future will be ME/60. A meeting of the Committee is called for the 19th January.

Manila Rope. (Representative: Mr. T. R. Thomas, B.Sc.).

A meeting of the Committee was held in March, 1938, to consider the question of the tensile testing of ropes, and the possible extension of the specification to cover this. The matter is still under consideration, and an early meeting of the Committee is anticipated. A request has been received from the Imperial Institute that consideration be given to the provision of a standard for sisal ropes.

Component Parts of Engine Indicators. (Representative: Mr. J. Hamilton Gibson, O.B.E., M.Eng.).
Nothing to report.

Engineering Symbols and Abbreviations. (Representative: Mr. J. Hamilton Gibson, O.B.E., M.Eng.).
Nothing to report.

Technical Committee on Keys and Keyways. (Representative: Mr. J. Hamilton Gibson, O.B.E., M.Eng.).

Nothing to report.

Marking of Valves, Flanges and Fittings. (Representative: Mr. J. Hamilton Gibson, O.B.E., M.Eng.).

A draft specification has been submitted to industry for technical comment.

Air Receivers. (Representatives: Messrs. J. Carnaghan and R. S. Kennedy).

The following specifications are under revision:—

- B.S.428-1931. Forge Welded Steel Air Receivers.
- B.S.429-1931. Riveted Steel Air Receivers.
- B.S.487-1937. Fusion Welded Steel Air Receivers.

It has been necessary to revise these in order that the provisions in regard to access might be reconsidered in view of the requirements of the Factories Act, 1937. It has also been found necessary to define the lower limit to which the specification for fusion welded steel air receivers is applicable, and this has been fixed at 9in. internal diameter. A separate specification for receivers smaller than that size is in course of preparation.

Mechanical Industry Committee. (Representatives: Messrs. J. Carnaghan and R. S. Kennedy).

Meetings were held during 1938 in April and October. The following specifications were approved for publication:—

- Round strand steel wire ropes for cranes.
- Ferrous pipes and piping installations.
- Shanks of electrodes for spot welding machines.
- Malleable iron pipe fittings.
- Steel storage bins and racks.
- Pipe threads (revision of B.S. No. 21).
- Mild steel shackles for lifting purposes.
- Cast iron surface plates.
- Cast iron straight-edges.
- Malleable cast iron and cast copper alloy pipe fittings (revision of B.S. Nos. 143 and 154).

Electrodes for Spot Welding Machines. (Representative: Mr. R. S. Kennedy).

Standards for holders have been approved.

Protective Lenses for Welding Operators. (Representative: Mr. R. S. Kennedy).

Nothing further to report.

Sub-Committee on Gas Welding of Steel Structures (Representative: Mr. R. S. Kennedy).

Nothing further to report.

Sub-Committee on Electrodes for Shipbuilding Purposes. (Representative: Mr. E. F. Spanner, R.C.N.C. (ret.).

The work of this Committee concluded in March when B.S.S. No. 782-1938 (Electrodes for Metal Arc Welding in the Construction of Ships) was completed and published.

Coal Burning Appliances, Nomenclature and Definitions; Sub-Committee on Steam Generators and Boilers. (Representative: Mr. E. W. Green, O.B.E.).

This Committee has issued a standard code in draft for the commercial acceptance tests for steam boilers. This important specification remained open for comments until the 3rd September, 1938. The work on the glossary of solid fuel burning appliances continues.

Iron and Steel Industry Committee. Representatives: Messrs. J. Hamilton Gibson, O.B.E., M.Eng. and T. R. Thomas, B.Sc.).
Nothing to report.

Technical Committee on Land Boilers. (Representative: Mr. J. Carnaghan).

As previously reported, specifications have been published for Lancashire and Cornish boilers, multitubular horizontal boilers and vertical cross-tube boilers. Since the date of the previous report specifications have been published for cylindrical vertical multitubular boilers, cast-iron central heating and hot-water supply boilers, riveted steel hot-water central heating and hot-water supply boilers, valves, gauges and similar fittings for land installations, and for ferrous pipes and piping installations for land boilers (which contains sections relating to cold and hot drawn weldless steel pipes, and lap-welded steel and wrought-iron pipes). Draft specifications for calorifiers, water-tube boilers (including forged and fusion welded boiler drums and forgings), loco-type boilers, welded steel hot-water central heating and hot-water supply boilers, and welded steel steam central heating boilers, have been circulated for comment. Considerable progress has been made in the preparation of a specification for non-ferrous pipes and piping installations. The preparation of a specification for relief valves for air receivers has been undertaken by the sub-committee responsible for the valves, gauges and similar fittings specification, at the request of the Air Receivers Committee.

Technical Committee on Ships' Materials. (Representative: Mr. J. Carnaghan).

Draft specifications for structural steel for shipbuilding and for marine boilers, carbon steel forgings for marine purposes, and carbon steel castings for ships, marine engines and general engineering purposes, have been circulated for comment.

Committee on Marine Flanges. (Representative: Mr. J. Carnaghan).

The revision of B.S. No. 3022 is under consideration.

Technical Committee on Welding. (Representative: Mr. R. S. Kennedy).

Nothing further to report.

Standardisation of Pump Tests. (Representative: Mr. R. M. Gillies).

A draft revision of the British Standards for the above was issued for comments in September, 1938. The modifications detailed, however, involved no serious revision in any way of the previously accepted standards and no comments were found to be necessary.

Technical Committee on Fans. (Representatives: Messrs. T. A. Bennett, B.Sc. and J. Dunlop).

This specification has passed several interested Committees and has now been approved for issue as a British Standard, C.F. (E.L.) 349. The Institute has had a special interest in the preparation of this specification, and it is hoped that members will avail themselves of the opportunity to use it.

Technical Committee on Steel Castings for Use at High Temperatures. (Representative: Mr. T. H. Burnham, B.Sc.).

No further work on steel castings for use at high temperatures has been undertaken during the past year. There has been a joint meeting of the sub-committees dealing with steel castings for general engineering purposes and steel castings for marine purposes, with a view to the preparation of a revised specification for steel castings to cover both marine and general engineering purposes. At this meeting no question in regard to castings for use at high temperatures came up for discussion.

Technical Committee on Calibration of Carburettor Jets. (Representative: Mr. A. F. Evans).

No meetings of the Committee have been held during the past year.

Machine Tool Tests and Alignments. (Representative: Mr. G. Thompson, M.Eng.).

No meeting of this Committee has been held during the past year.

Technical Committee on Hand Hammers. (Representatives: Messrs. J. Carnaghan and R. S. Kennedy).

A draft specification for hand hammers, mattocks, picks and beater picks has been circulated for comment.

Ships' Side Scuttles and Frames (Type A). (Representative: Mr. F. M. Burgis).

Four meetings of this Committee have been held. At the first meeting it was generally agreed that the previous B.S. Specification for Ships' Side

Scuttles had not been generally adopted either by purchasers or suppliers, owing to the fact that it was in too much detail and in effect controlled practically every dimension and consequently the design. It was therefore decided to prepare a list of those items such as glass thickness, flange thickness, diameter of fastenings, etc. which it was considered should be controlled, and this was prepared and placed before the Committee at the second meeting. At the same time agreement was reached as to the various types of sidelights which would come within the scope of the specification. At the second meeting the list of items referred to above was duly considered, being amended in several minor respects, and a final list was definitely agreed upon. It was also arranged that the suggested dimensions for the various items should be prepared for the various sizes of sidelights, and submitted at the next meeting. At the third meeting these various dimensions

were considered, and after some discussion agreement was reached and it was decided that at the next meeting the question of material should be considered together with the form of specification. These were duly considered at the fourth and last meeting, when the question of tests on the various materials was considered, and it was agreed that a draft specification should be drawn up, together with suitable drawings. These will be considered at a meeting to be held on the 31st January, 1939.

Electric Cables for Use on Board Ship. (Representative: Mr. N. H. Swancoat).

No meetings of the Committee have yet been held.

ROBERT RAINIE,
Chairman of Council.
B. C. CURLING,
Secretary.

OBITUARY.

GEORGE ADAMS (Vice-President and Member 1408) died 16th December, 1938. See portrait and obituary in January, 1939 Transactions, facing page 297.

SAMUEL AITKEN (Vice-President and Member 6806) died at New York on the 12th August, 1938. See portrait and obituary in September, 1938 Transactions, facing page 185.

ROBERT ALLAN (Member 2142) died at Bearsden, Glasgow, on the 4th February, 1938. Born at Paisley in 1878, Mr. Allan served his apprenticeship at the Clydebank Works of Messrs. John Brown & Co., Ltd. In 1902 he joined the British India Steam Navigation Co. in whose service he remained until his retirement 31 years later. Most of his service with the Company was spent on the Indian Coast, and for 13 years he held the position of chief engineer. In 1919 he married; his wife died in 1927 leaving no family. In spite of serious illness during his retirement, Mr. Allan will be remembered for his cheerful disposition and his trustworthy character.

FRED ARCHER (Member 5801) died in Lewisham Hospital on 18th February, 1939. Born at Knostrop, Leeds, in 1884, Mr. Archer was educated at Craven Street Secondary School, Hull, and served his apprenticeship with Messrs. Yarrow & Co., Ltd. From 1903-6 he was employed as a foreman plater with Messrs. Thames Iron Works, Ltd., and the two following years he spent in South America erecting corn elevators for Messrs. Spencer & Co., Ltd. From 1908-11 he was employed as a foreman plater with Messrs. Miller & Macfie, in which year he obtained a similar position with Messrs. Milners Safe Works, Ltd. From 1914

to 1918 he was foreman boilermaker with the Singapore Harbour Board, and from 1919-21 he was foreman shipbuilder with the New Eng. Works, Ltd., Shanghai. In the latter year he was appointed marine superintendent to Messrs. Shanghai Ferries, Ltd., and three years later he took up a position as surveyor to Messrs. Carmichael, Lennox & Gray of Shanghai. Mr. Archer had several posts in China before he returned to this country in 1936, since when he had been in failing health.

G. W. ATKINS (Member 2689) died suddenly at sea on the 28th December, 1938. Mr. Atkins was born at Stratford, London, E. in 1873 and was educated at the British School there. His apprenticeship was served at the works of the Great Eastern Railway at Stratford, and on its completion in 1895 he joined the General Steam Navigation Company. In 1897 he obtained his Second-Class and in 1899 his First Class Board of Trade Certificate. His whole career afloat, almost 43 years, was spent in the service of the General Steam Navigation Co., and his death occurred two months from the date of his intended retirement in February, 1939.

EDWIN BENDELL (Member 1313) died at Glasgow on the 8th January, 1939. Born at Battle Harbour, Labrador, in 1866, Mr. Bendell was educated at Greenock Academy and served his apprenticeship with Messrs. Rankin & Blackmore, Eagle Foundry, Greenock. On its completion in 1888 he joined the British India Steam Navigation Co. as a junior engineer. In 1896, having meanwhile obtained his Board of Trade Certificate, he resigned from the Company to take up a post as chief engineer with Messrs. G. L. Watson & Co., Glasgow, in which capacity he served in several steam yachts.

In 1914 he commenced business in Glasgow as a machinery agent and was appointed manager for Scotland of The Beldam Packing & Rubber Co., Ltd. On account of ill health he retired from business in 1934. As a young man his chief sporting interest was cricket and he was an active member of the Greenock Cricket Club. He was also a keen player of bowls.

WILLIAM BRANDWOOD (Associate 8430) died 28th December, 1938, at Birkenhead. Born at Morecambe, Lancashire, in 1906, Mr. Brandwood was educated at Birkenhead and served his apprenticeship with Messrs. Brown, Duncan & Co. and Messrs. Cammell, Laird & Co., Ltd. During this period he continued his technical studies and obtained a National Certificate in Mechanical Engineering. In 1927 he joined the White Star Line as junior engineer and while in this Company's service he obtained his First Class Board of Trade Certificate and Motor Endorsement. In 1936 he left the sea to take up an appointment as engineer surveyor with Messrs. Insurance Engineers, Ltd. He was still in this position when his death occurred as a result of a bus accident at Birkenhead. Mr. Brandwood is survived by a widow and his ten-weeks-old son.

HENRY BRIER (Companion 2221) died at Dartford, Kent, on the 7th May, 1938. Mr. Brier, who had been a director of Messrs. Seagers, Limited, refrigerating and general engineers and founders, Dartford, Kent, since 1907, was a son of Mr. John Brier, and was born in 1857. After receiving his education at a private school, he attended the Mechanics' Institute, Nottingham, for instruction in engineering. Subsequently, he became a pupil of Messrs. Manlove, Alliott, Fryer and Company, Rouen, France, and, remaining with them on the conclusion of his apprenticeship, was afterwards appointed works manager. In 1882, however, Mr. Brier was made chief of the steam-traction department of the Rouen Tramways, a position he occupied for two years, relinquishing it in 1884 to become manager of Messrs. Corbran et Le Marchant, Petit Quevilly, Rouen. Upon his appointment as engineer-manager of Messrs. Brin's Oxygen Company, Horseferry Road, Westminster, in 1886, Mr. Brier returned home, and, two years later, took up the position of engineer and manager of Messrs. Scotch and Irish Oxygen Company, Polmadie, Glasgow. In 1896 he became a partner in the firm of Messrs. J. H. Carruthers and Company, Glasgow, but relinquished this position in 1898 on his appointment as chief engineer to Messrs. J. and E. Hall, Limited, Dartford. After occupying this position for nine years, Mr. Brier became a partner in the firm of Messrs. Seagers, Limited, a company established in 1875 and incorporated in 1907. Until his retirement, some years ago, he was managing director of the company. Mr. Brier was a member of the Institution of Mechanical Engineers. He

was also for long a member of The Cold Storage and Ice Association, now known as the British Association of Refrigeration, and was serving as vice-president at the time of his death.

JOSEPH HENRY BROWNBILL (Member 8137) died 2nd January, 1938, aged 41 years. Mr. Brownbill served his apprenticeship with Messrs. H. & C. Grayson, Ltd., Liverpool. He then went to sea in the service of Messrs. John Glynn & Son and subsequently of Messrs. Alfred Holt & Co. In 1924 he was appointed charge engineer with the Shanghai Power Co., and was still in this Company's employ at the time of his death.

HUGH FLETCHER CARMICHAEL (Member 1674) died at his home at Worthing on the 3rd May, 1938, aged 77 years. A native of Oban, where he was educated, Mr. Carmichael served his apprenticeship with Messrs. Robert Steele & Co. of Greenock, and after a period at sea established himself in Hong Kong as principal of the firm of Carmichael & Barlow and subsequently of Carmichael & Clarke, consulting engineers and shipbuilders. After nearly 40 years in the Far East, he returned to this country and settled in Worthing, where his exceptional energy found an altruistic outlet by activity in the public life of that town. He was Mayor in 1929, 1930 and 1931, and the variety and number of the organisations with which he became connected was striking evidence of the drive and initiative he brought into the life of the town. Mr. Carmichael, who was also a Member of the Institution of Naval Architects, is survived by his wife.

DANIEL JOSEPH CORR (Member 8315) died 6th November, 1938.

TOM CRIMES (Member 5854) died at Swansea on the 2nd June, 1938. Mr. Crimes served his apprenticeship from 1894-1899 at the works of the Scotia Engine Co., Sunderland, afterwards taking up a sea career as junior engineer with Messrs. Westalls of Sunderland, with which Company he rose to the position of 2nd engineer. He obtained his First-Class Board of Trade Certificate in 1902 and subsequently for many years he served as 2nd and chief engineer with Messrs. Houlder Bros. Later he obtained an appointment as manager for the London Scaling Co. at Swansea, a position which he held for six years. In 1927 he was a director of Messrs. Weir & Co. (Cardiff) Ltd., and subsequently he established the firm of Messrs. T. Crimes & Co. at Swansea, of which he was the sole proprietor. During his period in Swansea he was very popular and highly respected, and his unexpected death was a sad loss to the shipping fraternity of that town, by whom he was held in highest esteem.

THOMAS RICHARD CULLEN (Member 6486) died at Kisumu, Kenya Colony, on the 31st March, 1938.

Born at Liverpool in 1893, Mr. Cullen was educated at the Liverpool College and subsequently at the Liverpool Technical Institute. His apprenticeship was served with Messrs. Cammell, Laird & Co., Ltd. and in 1916 he joined the Blue Star Line as a junior engineer. Subsequently he served at sea with several companies, including the Yeoward Line, the Anglo-American Oil Co., Ltd., the British India Steam Navigation Co., Ltd., the Royal Fleet Auxiliary Service, the British Tanker Co., Ltd., and the Eagle Oil Transport Co., Ltd. In 1924 he was appointed to the Marine Department of the London County Council, and two years later he took up a post as second engineer with the Kenya and Uganda Railways and Harbours. He remained in their service until the time of his death; just prior to that event he had been promoted to the position of chief engineer.

WILLIAM ALLAN DAVIE (Member 4681) died at Calcutta on the 25th June, 1938, from complications which arose following a minor operation at the Presidency General Hospital. Born at Maud, Aberdeenshire, in 1896, Mr. Davie, whose father died when he was eleven months old, received his early education at the public school at Maud, the family later moving to Banff to enable him to take advantage of the educational facilities at the Academy in that town. His apprenticeship was served with Messrs. Watson Bros., Banff, and he was later for a short time with Messrs. Alexander Stephen & Sons, Ltd. of Linthouse, Glasgow. In the spring of 1918 he joined the British India Steam Navigation Co., Ltd. as a junior engineer and by 1922 he had obtained his Extra-First Class Engineer's Board of Trade Certificate. Mr. Davie continued his highly successful career with this Company without interruption. In 1927 he was appointed chief engineer and in August, 1933 he was made assistant superintendent engineer at Calcutta, in which responsible position he made full use of the outstanding abilities with which he was endowed. Mr. Davie was highly regarded both by his employers and by the engineers of the Company's fleet, who recognised him as a particularly able member of the profession the prestige of which he did his utmost to uphold. Mr. Davie, who is survived by two sisters, was a companion of the masonic order, Royal Arch Chapter, Banff.

JAMES PAUL DEVLIN (Member 3398) died at his home at Penarth, Wales, on the 24th July, 1938. Mr. Devlin was born at Partick, Glasgow, in 1877, and was educated at Partick High School. His apprenticeship was served with Messrs. D. & W. Henderson & Co. of Glasgow, and on its completion he joined Messrs. Gardiners of Glasgow as a junior engineer. He continued his sea career with the firm of Wood, Tylor & Brown of London. During the war he was in the Merchant Service and was present at Salonika during the offensive of the Dardanelles. His first appointment ashore was as

assistant to Mr. John McLaren, consulting engineer for the Hudson Bay Steamship Co. Later he took up an appointment as assistant marine superintendent with Messrs. Hain's Steamship Co. of Cardiff, in whose employment he remained until his death which took place when he had completed eighteen years' service with the Company. Mr. Devlin was a member of the Cardiff Caledonian Society, and is survived by his widow, two daughters and one son.

WALTER JOHN DONALDSON (Member 8121) died at Crow's Nest, N.S.W., on the 17th June, 1938, aged 57 years. Mr. Donaldson served his apprenticeship with Messrs. James Budge and Mort's Dock and Engineering Co. and later entered the service of Messrs. Howard Smith Ltd. as a junior engineer. Having obtained his First-Class Board of Trade Certificate he forsook the sea and took up duty in the field of mechanical refrigeration with Messrs. Wildridge & Sinclair Pty. Ltd. Later he was employed as an erecting engineer with the Hercules Hydraulic Engineering Co. and in 1913 he entered the Dredge Service of the former Sydney Harbour Trust. During the war he was engineer of the tug "Cecil Rhodes" on patrol duty and later was engineer and representative of the Harbour Trust Commissioners on the steam hopper barge "Swallow" when she was under charter to a firm of Sydney merchants making voyages to Java, New Zealand and South Australia. Subsequently this vessel was used by the Department of Railways as a train ferry across the Clarence River at Grafton, N.S.W., when again Mr. Donaldson was engineer. In December, 1926 he was appointed to the head office staff as assistant inspector of machinery. In July, 1928 he was promoted to the position of assistant engineer in the Dredge Service and about two years later he was appointed superintendent of dredges, a position which he still held at the time of his death. Mr. Donaldson had many interests beyond the sphere of his official duties in that he took an active part in the affairs of his church, masonic lodge and professional organisations. He was a Vice-President (and former President) of the Australian Institute of Marine and Power Engineers. Of frank and cheerful disposition, he was exceptionally popular with his employers and colleagues. He is survived by a widow and family.

JAMES WILLIAM GRAHAM (Member 2630) died at his home at Newcastle-on-Tyne on the 23rd September, 1938. Born in 1864, Mr. Graham was educated at Willington Quay and at St. John's College, South Shields. He commenced his career with the object of being a schoolmaster, but abandoned this profession and after a short while in the sample and testing office of the Wallsend Portland Cement Co. he served a shipbuilding apprenticeship with the Wallsend Slipway & Engineering Co., Ltd. He eventually became a foreman shipbuilder with this firm, and subsequently was employed by the Northumberland Shipbuilding Co. and at the Howden and

Jarrow establishments of Palmers Shipbuilding & Iron Co. After some time at the Hebburn yard of Messrs. R. & W. Hawthorn, Leslie & Co., Ltd. he was appointed manager of Messrs. Robert Thompson & Sons of Sunderland in 1896, a position which he left to become superintendent of the Hong Kong & Whampoa Dock Co. He was made acting manager by this firm in 1907, and later works manager, a position which he held until his retirement in 1921. Mr. Graham held a commission in the Hong Kong Volunteers from 1901 to 1904 and made several contributions to shipbuilding literature. He was also a member of the Institution of Naval Architects.

COLQUHOUN FRASER GRANT (Member 3404) died in London on the 19th June, 1938. Born at Hornsey, London, in 1858, Mr. Grant was educated at Mill Hill School and afterwards at George Watson's, Edinburgh. His apprenticeship was served with Messrs. Robert Napier & Sons and Messrs. J. & G. Thomson. His first voyage was made in the "Clan Stuart" in 1879, after which he spent some time ashore in the drawing office of Messrs. Palmer's Shipbuilding & Iron Co., Ltd. at Jarrow and Messrs. John Dickinson & Sons, Ltd. of Sunderland. He rejoined the Clan Line in 1884 as 4th engineer of the "Clan Ogilvie", and was promoted by this Company to chief engineer in 1889. He occupied this position until 1897 when he was promoted to the position of assistant to the late Mr. John Lyall, whom he succeeded in 1914 as superintendent engineer of the Clan Line. During the war years Mr. Grant supervised much of the salvage and repair work of many of the Company's steamers torpedoed by the enemy, and also had charge of the extensive programme of replacement of those lost. He retired in 1926. In spite of his twelve years of retirement from business life, Mr. Grant kept in touch with the wide circle of friends which he made in marine engineering and shipping circles in London, where news of his death was received with deep regret. After his retirement he took a considerable interest in local municipal affairs. In his younger days he was a keen Rugby footballer and after retiring took up golf. He is survived by two daughters, his only son, the Rev. A. C. Grant, having been drowned in 1916 when the P. & O. S.S. "Persia" was torpedoed in the Mediterranean.

ROBERT LYONS HAGUE (Member 7185) died at New York on the 8th March, 1939. Born in 1880, Mr. Hague, who was a native of Rhode Island, served his apprenticeship at the Boston & Albany Railroad Shops, Worcester, Mass. He subsequently spent a number of years at sea and passed through the licensed grades to become a marine engineer. In 1909 he was appointed assistant superintendent engineer for the Standard Oil Company of California, and during the War years was director of construction and repairs on the Pacific Coast for the Shipping Board. He joined the Standard Oil

Company of New Jersey in 1920, and with the formation of the Standard Shipping Company in 1927 he was made vice-president, and five years later president. With the merger of the shipping company and the parent company he was appointed vice-president and general manager. In this capacity he was responsible for the recent contract placed by the Standard Oil Company, with assistance from the Maritime Commission, for the twelve high-speed tankers. Mr. Hague, who was one of the foremost figures in American shipping circles in which he enjoyed considerable popularity, was a member of the American Society of Naval Architects and Marine Engineers, the Engineers' Club, the India Harbour Yacht Club, the Larchmont Yacht Club and India House.

FREDERICK HARVEY (Member 1983) died at his home at Odiham, Hampshire, on the 7th September, 1938. Mr. Harvey was born at Woolwich in 1870 and served his apprenticeship at the works of Messrs. R. & W. Hawthorn, Leslie & Co., Ltd., Newcastle-on-Tyne. He then joined Messrs. Shaw, Savill & Albion Co. as a junior engineer, in whose service he remained during the next 38 years. There were naturally many incidents during this lengthy period of sea service, and on one occasion he was presented with a gold and platinum model and cheque in recognition of his skilful part in a repair which probably saved his ship. On another occasion he was instrumental in extinguishing a fire, with the result that his hands were very badly burned. About 1920 he contracted sleepy sickness, and though he recovered it affected him somewhat during the remainder of his life. On leaving the Shaw, Savill & Albion Co. in 1928 he served for a short time with various companies—Messrs. Stanley & John Thompson, Ltd., Messrs. Nelson, Ltd., and the London County Council, but latterly he lived in complete retirement.

JAMES HOWDEN HUME (past Vice-President and Member 2356). See portrait and obituary in June, 1938 Transactions, facing page 121.

GEORGE JOHN HUMPHREY (Member 8219) died as the result of an automobile accident in New York on the 15th August, 1938. Mr. Humphrey was born at Port Gordon, Banffshire, in 1888 and was educated at the Collegiate School, Newport, Mon., where his family had moved. His apprenticeship was served with Messrs. Mordey, Carney & Co. of Newport, and from 1908 to 1913 he was in the service of The Clan Line Steamers, Ltd. In the latter year he was appointed engineer surveyor to the Ocean Accident & Guarantee Corporation with whom he remained until 1920 when he joined Messrs. African Marine & General Engineers. In 1925 he established himself as a consulting engineer, but in the following year he went to Nyasaland to take up tobacco farming. For climatic reasons he eventually returned to this country and resumed

his sea-going career. On the day of his death he left his ship in New York with the object of returning to this country to settle down in Bournemouth. Mr. Humphrey, who leaves a widow, was a keen golfer and played from scratch, and was highly popular in his wide circle of friends both at home and abroad.

ARTHUR ERNEST A. JENNER (Member 6844) died on the 14th May, 1938. Mr. Jenner was born in 1889 and educated at Wycliffe College, Stonehouse. His apprenticeship was served with Messrs. Richardsons, Westgarth & Co., Ltd. and on its completion he spent two years in this Company's technical department. In 1913 he joined the Ellerman Bucknall Line with whom he remained until he obtained a commission in the Royal Indian Marine in February, 1916; he served as engineer lieutenant in several ships and for two years was in the Bombay Dockyard. In 1919 he rejoined the Ellerman Bucknall Line and in 1920, at the Liverpool Technical School, he supplemented his earlier technical education at West Hartlepool Technical College, and in the same year obtained his Extra-First Class Engineer's Board of Trade Certificate. In 1923 he was appointed an engineer surveyor to the National Boiler and General Insurance Co., Ltd., in whose service he remained until his death. Of exceptionally likeable and unassuming character, Mr. Jenner is greatly missed by his many friends.

LEONARD VERNON KICKS (Associate Member 8213) died, after a prolonged illness, on the 1st January, 1939, at his home at Gravesend, at the age of 48 years. Mr. Kicks served his apprenticeship from 1904-10 at H.M. Dockyard, Sheerness, and from 1911 to 1925 was employed as a journeyman and subsequently as a draughtsman there. From the latter date until 1930 he was engaged in the Admiralty Drawing Offices at Sheffield, in which year he was appointed as assistant master at the County School for Boys at Gravesend, a position he still held at the time of his death.

ROBERT LESLIE, O.B.E., R.N.R. (Honorary Vice-President and Member 7) died 26th December, 1938. See portrait and obituary in January, 1939 TRANSACTIONS, facing page 297.

JOHN MANSEL LEWIS (Member 4317) died suddenly on the 11th October, 1938. Mr. Lewis was a native of Pontypridd, Glamorganshire, and was educated at the old Grammar School, Cardiff. His apprenticeship was served with the Bute Shipbuilding Co., Cardiff and Messrs. Easton & Henderson, Ltd. of Erith. Later he was for some time at sea with the Prince Line, and subsequently he established himself in London where he was the engineering representative of the Sunderland Forge & Engineering Co., Ltd. Mr. Lewis had a fine baritone voice and in his youth studied at the Royal College of Music, of which he was an exhibitor. He was the first student to sing in the role of

Falstaff at the Lyceum Theatre, and he once, at the Albert Hall, sang in the same concert as Madame Patti. For some years he was a vice-president of the Ealing Orchestral Society. He will, however, be best remembered in that district for his intense altruistic activity on the Ealing Town Council, to which he was first elected in 1926. In 1931 he was elected chairman of the Town Council's Rating and Valuation Committee, and in that year he was also elected chairman of the Electricity Committee. He was also a member of the Finance, Public Health, and General Purposes Committees, and his sterling worth was recognised by his election to the mayoral chair, an office which he filled with characteristic distinction. His death took place with distressing suddenness while, in his capacity as Mayor, he was presiding at a meeting which had been arranged by the Ealing Women Citizens' Association. Countless tributes have been paid to his memory, and the warmest sympathy extended to his wife and family.

ROBERT LOMAS (Member 6768) died 21st August, 1937, at Rosario, Argentine. Mr. Lomas was born in 1866 and served his apprenticeship with the Liverpool Gas Co. He was for many years working privately as a consulting engineer and marine surveyor and undertook work in this capacity for Lloyd's Agents and for the Italian Government. Latterly he was engineer for the Rosario Gas Company.

DONALD KENNETH MACIVER (Member 5042) died at Stornoway on the 29th October, 1938. Mr. MacIver was a native of Stornoway, where he was born in 1886, and was educated at the Nicolson Institute there and subsequently at the Royal Technical College, Glasgow. He served his apprenticeship with Messrs. John Brown & Co., Ltd. of Clydebank, and on its completion he joined the Federal Steam Navigation Co. (later amalgamated with the New Zealand Shipping Co.) as a junior engineer. He remained with this Company, quickly passing through the various ranks to that of chief engineer, until his retirement from the sea. During the war his ship was torpedoed, and on that occasion he showed great coolness, courage and devotion to duty. Leaving the sea he returned to Stornoway to enter his father's business of which he assumed control on his father's death. Here the mechanisation of the fishing fleet provided an outlet for his energies, and he was highly valued by the community as a consultant. Mr. MacIver was regarded with considerable affection in Stornoway. He was a freemason, and is survived by his widow and three-year-old son.

DAVID MCFALL (Member 5189) died in London on the 15th September, 1938. Mr. McFall was the eldest son of the late Mr. David McFall of Barrow-in-Furness, in which town he was born in 1883. He was educated at the secondary school there and finished his engineering studies at Barrow Technical School. His apprenticeship was served with

Messrs. Vickers, Sons & Maxim, Ltd. and on its completion he passed into that Company's drawing office as an engine draughtsman. From there he went to the engine drawing office of Messrs. Harland & Wolff, Ltd., Belfast, by which Company he was later promoted to outside manager. After carrying out much responsible work in this position he was transferred to the Company's London works, where he remained until ten years ago when he joined the firm of Rimer Bros. as London representative and consultant engineer, an appointment which he still held at the time of his death. Mr. McFall, who was a member of the West Lancashire Lodge of Freemasons, was very well-known and highly respected in marine engineering and shipping circles in London, where his death is deeply regretted. He is survived by a widow and two sons.

ALEXANDER MCINDEWAR (Member 27) died at his home at Cathcart, Glasgow, on the 10th June, 1938, aged 82 years. Mr. McIndewar was a native of Islay, Argyllshire, and spent most of his early life at Dumbarton, where he was educated. He served his apprenticeship with Messrs. Matthew Paul & Co., Levenford Engine Works, Dumbarton. In October, 1877, he entered the service of the British India Company as 4th engineer, and was promoted to chief engineer in 1881. He continued to serve the Company in this capacity until December, 1913, when he retired from the sea and for some time afterwards acted as inspector of new ship construction for the Company in Glasgow. During his long career at sea he was chief engineer of a number of well-known steamers engaged in the Indian and Queensland services of the Company, including the "Jelunga", "Jumna", "Waipara" and two "Chyebassa's". He served in the old "Chyebassa" from August, 1887 till October, 1890 and joined the second "Chyebassa" when she was delivered to the Company in April, 1907, serving continuously in this ship till he retired in December, 1913. While he was in the "Jumna" the ship was chartered to the Government for the changing of troops on Eastern stations, this being one of the earliest occasions on which merchant ships were employed in place of the old Indian troopships. Mr. McIndewar obtained a commission in the Royal Naval Reserve in 1889. He was keenly interested in his profession and maintained a high standard of authority and assiduity to duty in his relations with all those with whom he came in contact. He took a lively interest in the wellbeing of his junior engineers and was always willing to discuss technical matters with them and to encourage and instruct those who showed a desire to increase their knowledge and experience. He joined The Institute as a Member in January, 1889, being No. 27 on the Membership Roll, and he maintained his Membership and interest in The Institute to the end.

ANDREW G. G. MCKISSOCK (Member 6197) died at sea off the coast of Texas on the 3rd August,

1938. Mr. McKissock was born in London in 1902 and was educated at the Upper Latymer, London, under the Rev. C. J. Smith, M.A. and subsequently at Ayr Academy and Glasgow Technical College. His apprenticeship was served with the Ayrshire Dockyard Co. and Messrs. Harland & Wolff's Diesel Works, Glasgow. Mr. McKissock then went to sea as 4th engineer in Messrs. Dalgleish's m.v. "Oakworth". Subsequently he joined the Bank Line, in whose service he obtained his Board of Trade Certificates, and he was appointed chief engineer of the "Weirbank" at the early age of 28 years. His last ship was the new Doxford-built "Teesbank"; while recovering from influenza he had a sudden relapse and died on board as stated above.

CHARLES JAMES MAGGS (Member 2047) died in hospital at Georgetown, Demerara, on the 31st October, 1938. Born at Midsomer, Norton, Somersetshire, in 1872, Mr. Maggs was educated at Midsomer, Norton and Bath Technical Schools, and White's Marine Academy, Bristol. His apprenticeship was served with Messrs. Wheeler & Gregory of Radstock and Messrs. Simpson, Strickland & Co. of Dartmouth. In 1894 he went to sea as a junior engineer and was employed on the coast of Japan and China during the China-Japan war of that year. In due course Mr. Maggs obtained his Board of Trade Certificates and had further sea service in the Atlantic and Argentine trades. In 1899 he was appointed by the Midland Railway to superintend the tugboats at Bristol, and in 1901 he joined the firm of Sprostons, Ltd. of Demerara as assistant superintendent engineer. In 1905 he was promoted to the position of chief superintendent engineer. In this capacity he was responsible for Messrs. Sprostons' new iron foundry and engineers' shop extension, their new dock gates and several small ship conversions, and he also introduced hollow concrete blocks, oil engines and Megass burning furnaces into the Colony. A very able man in his profession, he was greatly respected not only for his expert knowledge and ability but also for his pleasing personality and the great interest he took in apprentices and young people in his charge. An example of this was his organisation of classes to teach apprentices mechanical drawing. Mr. Maggs retired as superintendent engineer in 1923 and was appointed a director of Messrs. Sprostons the following year, a position which he relinquished in 1927 to establish himself as a consulting engineer. He was about to retire permanently and return to this country when his death occurred. Mr. Maggs, who was also a member of the Institution of Mechanical Engineers, was known as an ardent churchman and benefactor in the Colony; he was a prominent Freemason, a member of Union Lodge and Deputy Grand Master for the Colony. He was also an accomplished musician and had mastered several instruments. Mr. Maggs is survived by his wife, three sons and a daughter.

WILLIAM MARSHALL MEAGER (Member 2020) died at Westgate-on-Sea on the 6th February, 1939, aged 75 years. A native of London, Mr. Meager was educated at Orsett College, Carshalton, and was apprenticed as a shipwright and engineer at his father's works in Limehouse, and he was subsequently instrumental in converting this business from wooden to steel ship repairing. He was a member of the Shipwrights' Guild, a freeman of the City of London, and as long ago as 1880 he joined the Royal Naval Artillery Volunteers. Eventually Mr. Meager went to sea and in due course he joined the British Tanker Co. as chief engineer of one of their first ships, the s.s. "Kerman". In 1918 this vessel was torpedoed and he received a letter from Lloyd's in appreciation of the efforts of himself and his staff which resulted in the vessel being brought safely to port. Six years later he was presented with Lloyd's Medal and the Royal Humane Society's Certificate for personal attempts to save the life of one of the crew who was gassed in the s.s. "British Captain". After many years service with the British Tanker Co. as their senior chief engineer, Mr. Meager retired in 1933.

C. C. NELSON (Member 2053) died at Shameen, Canton, in March, 1938, aged 58 years. Born and educated at Sydney, Mr. Nelson served his apprenticeship with Mort's Dock & Engineering Co., Sydney, and subsequently spent some years at sea, during which time he obtained his Extra-First Class Board of Trade Certificate. For 32 years he was in the employ of Messrs. Butterfield & Swire, first in their ships and subsequently at their Taikoo Dockyard, Hong Kong. For a number of years he held the position of assistant engineer manager at this Dockyard, and for the five years prior to his retirement from this Company's service in 1932 was engineer manager. After one year's holiday he returned to the East and became manager of the Canton Ice Manufacturing Co., Shameen, and also consulting engineer to the Shameen Municipal Council. Mr. Nelson is survived by his wife and a family.

ROBERT DALE NICOL (Member 1686) died at Sheffield on the 15th April, 1938. Mr. Nicol was born at Dumbarton in 1869 and was educated in London and Glasgow, his technical education being received at what is now the Royal Technical College in the latter city. His apprenticeship was served with Messrs. Wm. Kemp of Govan, and he was subsequently at sea for some years, rising to the position of chief engineer. In 1894 he joined the National Boiler and General Insurance Co. as an engineer inspector and four years later he was appointed to the staff of the Vacuum Oil Co. at Newcastle, later being promoted to the position of superintendent of this Company's representatives in Sheffield. In 1904 he commenced business on his own account as an oil and grease manufacturer, founding the firm of Messrs. R. D. Nicol & Co.,

Ltd., with the development of which he was associated for the remainder of his days. Mr. Nicol was a freemason of the Phoenix Lodge 904, Rotherham, for 30 years, being worshipful master in 1923, a member of the Plumbers Company, president of the Caledonian Society of Sheffield in 1922-23, and in 1923 he was made a Freeman of the City of London. Mr. Nicol was closely associated with the church life of his district, and his many charitable works earned him an honourable reputation.

WILLIAM J. K. NORRIS (Member 3069) died in London in December, 1938. Mr. Norris served his apprenticeship with The Thames Iron Works & Shipbuilding Co., Ltd. of Blackwall, and subsequently was at sea for a period of seven years. In 1916 he established himself in London as a consulting marine engineer and ship surveyor, in which capacity he was still engaged at the time of his death.

EDWARD PHILLIPS (Member 2787) died at Shepperton-on-Thames on the 13th January, 1939. Born at Abergavenny in 1875, Mr. Phillips spent his early life in the North of England, where his family belonged, and served his apprenticeship with the Wallsend Slipway & Engineering Co. After some seven years at sea, during which he obtained his Board of Trade Certificates, Mr. Phillips was appointed engineer at the power station of the Newcastle Corporation Tramways. He left this post in 1904 to become engineer to Hays Wharf, which during his 33 years' service in this capacity grew from two small independent concerns into a group of wharves covering nearly a mile of river frontage from London Bridge to Tower Bridge. Mr. Phillips was responsible for the installation and maintenance of all cargo handling cranes, lifts, etc. and the cold storage machinery. He was also responsible in 1916 for the introduction of the first Diesel-engined tugs to operate on the river. Mr. Phillips was exceptionally popular with his colleagues and earned the highest esteem of his employers.

WILLIAM RITCHIE (Member 3602) died in University College Hospital, London, on the 5th January, 1938. Son of an Ayrshire seafaring family, Mr. Ritchie was born at Seacombe, Cheshire, and was educated there at St. Paul's School and at the Technical School, Liverpool. On the completion of his apprenticeship, which was served with Messrs. D. Crawford & Son, Liverpool, he joined the White Star Line as a junior engineer, and later entered the service of the Elder Dempster Line, by which Company he was appointed chief engineer in 1911. For over 30 years he remained in their service, and for a period acted as their superintendent at Calabar and as manager of the Nigerian Dry Dock & Engineering Company, but on account of his health he returned to the sea as chief engineer. He retired about six years ago through ill-health.

WILLIAM SMART (Member 2734) died at his home at Dunedin, New Zealand, on the 25th December, 1938. Mr. Smart was born at Onehunga in 1857, and served his apprenticeship with the firm of Messrs. Fraser and Tinne in the Phoenix Foundry, Auckland. He went to sea first with the Northern Steamship Company, but in 1883 he joined the Union Steam Ship Company, and spent 37 years in its service. For 22 years he was its superintending engineer, and before that he had been stationed in Melbourne and Sydney. The high regard in which he was held by those with whom he worked is illustrated by the wording of an illuminated address that was presented to him by the engineers in the service of the Company when he retired. It expressed appreciation of "the way in which you held the scales of justice during the many years in which you held your high position, and for your sympathy and kindly acts towards those who, from time to time, met with difficulties".

Mr. Smart was associated with much important work at Port Chalmers when the Union Company was doing all of its major engineering work there. During the Great War, for example, he supervised the conversion of the "Maheno" and the "Marama" to hospital ships, and later he directed the reconditioning of these two ships as passenger vessels. He supervised, also, the conversion of the "Maheno" from direct turbine drive to geared turbine propulsion, which was considered a considerable feat at Port Chalmers. The conversion of the "Tahiti" and the "Maunganui" from coal to oil fuel burning vessels was another of his undertakings, and one of his visits to Great Britain was for the purpose of supervising the installation of the propelling machinery in the "Niagara" and the "Wahine" when those vessels were under construction. Mr. Smart was noted for the methodical and painstaking way in which he carried out all his work, and even in retirement he kept himself well informed of the latest developments in marine engineering. Bowling was one of his hobbies, and, as a member of the Kaituna and St. Clair Clubs, he was a well-known figure in Dunedin bowling circles. Until a month or two before his death Mr. Smart enjoyed excellent health. He married in 1886 and is survived by a son and two married daughters.

JAMES SMITH (Member 976) died at his home at Ilford on the 14th February, 1939. Born at Bonar Bridge in Sutherlandshire in 1869, Mr. Smith was educated at the Fortrose Academy, Rosshire, and served his apprenticeship at the works of Messrs. D. J. Dunlop & Co., of Port Glasgow. In 1891, at the age of 22 he joined the P. & O. Company as a junior engineer in the s.s. "Peninsular". By 1910 he had become chief engineer in this Company's "Sumatra" and among his other ships were the "Delta", "Salsette", "Nyanza" and "Plassy". For two years he was on the Salsette-Bombay-Aden ferry service and in 1913 he came ashore to join the dock staff. Mr. Smith had joined

the "Nyanza" at Falmouth when, on the 24th February, 1918, on its way to the Thames this vessel was torpedoed off Brighton. He was also engaged during the last year of the war in ferrying U.S.A. troops to France. After the war Mr. Smith took the "Cap Polonia", the ex-German luxury ship, to Bombay on its only voyage under the P. & O. flag, and his last ship was the "Mantua", from which he retired in 1929 after some 38 years service with the P. & O. Company. During his retirement he lived at Ilford, where he was a well-known figure and was highly respected among a large circle of friends.

W. P. STAFFORD (Member 2898) died at Newcastle-on-Tyne, after a short illness, on the 21st May, 1938. Mr. Stafford served his apprenticeship with Messrs. R. Stephenson & Co., Ltd. and Messrs. Clarke, Chapman & Co. of Gateshead. Subsequently he spent six years at sea, during which time he obtained his Extra-First Class Board of Trade Certificate. About 30 years ago he joined the yard engineering staff of Messrs. Swan, Hunter & Wigham Richardson, Ltd., being first connected with the floating docks, taking them abroad to their destination and operating them for the instruction of the owners. The first large dock with which he was associated was the Medway Dock, built for the Admiralty. He then erected a dock at Aden and one at Archangel. He had many notable achievements to his credit, and in 1931-32 he superintended the building of the Wellington Floating Dock and travelled to New Zealand to see it safely installed. In May, 1937 he was appointed as the Company's yard engineer. Mr. Stafford's quiet, pleasing manner and attractive personality, together with his wide experience, made him a valuable member of the Company's staff.

HENRY EDWARD ANGUS WALL (Member 7651) died at Vancouver on the 15th October, 1938. Born at Woolwich in 1901, Mr. Wall spent his early life in various parts of the world owing to the exigencies of his father's profession. Abandoning the scholastic profession which he started to follow, he entered H.M. Dockyard, Devonport in 1916 as an apprentice, and on its completion he entered the Royal Mail Line as a junior engineer, in which Company's service he remained until his death. This occurred suddenly at Vancouver where he was removed from his ship, the m.v. "Lochmonar" in which he was chief refrigerating engineer, to St. Paul's Hospital, an autopsy revealing that the cause of death was the bursting of a blood vessel at the side of the brain. The death of Mr. Wall at this early stage of a promising career is deeply deplored. He was buried at Plymouth, where his family now reside.

JAMES ARTHUR WATTS (Member 7069) died suddenly at his home in London on the 11th January, 1939. Mr. Watts was born at South Shields

in 1876 and served his apprenticeship with The Wallsend Slipway & Engineering Co. After a period at Armstrong College, Newcastle-on-Tyne, he passed into the Navy as an assistant engineer, but retired after a few years' service on account of defective eyesight. He then took up an appointment as assistant engineer at the works of Clarke, Chapman & Co., Ltd., Gateshead, and later became assistant manager for Messrs. John E. Rogerson & Co. at Wolsingham, Co. Durham. Subsequently he was appointed manager of the same firm's iron-works at Cornforth. In 1906 he established himself in London as a consulting engineer and manufacturer's agent. During the war he represented Messrs. Grace Bros. of New York, and he was particularly associated with Messrs. Drysdale & Co., Ltd. over a period extending back to 1908. Amongst his other principals were Messrs. Samuel Taylor & Sons, Ltd. and Messrs. James Howden & Co., Ltd. Mr. Watts, whose loss is keenly felt in marine engineering circles in London, was also an Associate Member of the Institution of Civil Engineers. He leaves a widow and one daughter.

WILLIAM A. WHITE (Member 2401) died in London on the 2nd June, 1938. Mr. White was born in 1870 of a Devonshire family, and served his apprenticeship with the firm of J. White & Co. of Fulham as a constructional marine engineer and boatbuilder. In due course he became principal of this firm, with which he was associated all his life. Mr. White took an active part in municipal affairs and was connected with the Fulham Borough Council for 16 years. He was chairman of the Electricity Committee at the commencement of the building of the new power station in that Borough, and he was also associated with the Thames Barge Scheme. He was highly respected and very popular in marine engineering and shipping circles in London.

RICHARD WILDRIDGE (Member 4122) died at Sydney, Australia, on the 4th March, 1938, after an illness extending over some months. Mr. Wildridge was born at Airdrie in 1874, and was the eldest son of John Wildridge, the founder of the firm of Messrs. J. Wildridge & Sinclair, Sydney. His apprenticeship was served with Messrs. Alley & MacLellan of Glasgow and The Wallsend Slipway & Engineering Co., Ltd., Newcastle-on-Tyne. After graduating at Glasgow University, Mr. Wildridge spent some three years at sea with the European and Asiatic S.S. Co., Ltd. In 1910 he established himself in Sydney as a consulting engineer, a business which extended until in 1931 he turned it into a limited company with himself as permanent chairman. He also held interests in Messrs. Daniel Scott Pty. Ltd., Melbourne, Messrs. Wilac Engineering Works, Sydney, and other subsidiary enterprises. Mr. Wildridge was a promi-

nent personality in the Australian business world and a recognised authority on refrigerating and dairy engineering. He was also a member of a number of other British and American engineering institutions.

GEORGE WILSON (Member 8104) died at Greenock, as the result of an accident, on the 6th June, 1938. Mr. Wilson was born at Kirkcaldy, Fifeshire, in 1893 and was educated at the Durnikier School in that town, where he distinguished himself. He commenced his apprenticeship in 1908 with Messrs. Wm. Philip, Kirkcaldy, and completed it at the works of Messrs. Bruce, Peebles & Co. of Edinburgh. After a short period of employment with the Wallsend Slipway & Engineering Co., Ltd. he commenced his sea career, in 1915, with the Glen Line Steamship Co. as a junior engineer, and was serving in that Company's s.s. "Glenogle" as fourth engineer when she was torpedoed in 1917. Mr. Wilson then joined the Clan Line and while serving as second engineer in the s.s. "Clan MacVicar" he was the hero of a particularly gallant exploit. This was on the 13th September, 1924, when the ship was lying in harbour at Brooklyn, New York. The fourth engineer had opened the main stop valve cover on the port boiler by mistake, with the result that the cover blew off and he was very badly scalded, succumbing subsequently to his injuries. Hearing the escape of steam Mr. Wilson thought that the auxiliary steam pipe connected with the starboard boiler had burst, and knowing that other engineer officers were in the compartment, and fearing the danger to them, he rushed through the steam across the boiler tops and shut off the stop valve of the starboard boiler, being seriously scalded and almost choked by steam. There was a gratifying sequel to this incident in the form of the following announcement made by the Board of Trade on the 4th January, 1926:—"His Majesty the King has been pleased, upon the recommendation of the President of the Board of Trade, to award the Silver Medal for Gallantry in Saving Life at Sea to George Wilson, second engineer of the s.s. 'Clan Macvicar' of Glasgow". Mr. Wilson eventually rose to the position of chief engineer with the Company, and some months before his death he was brought ashore as assistant superintendent engineer. On the day of the sad accident which caused his death he was examining the propeller boss of the cargo liner "Clan Menzies", under construction at Greenock, from a staging at the stern of the vessel, when he fell a distance of some fifteen feet to the ground. He sustained severe head injuries, from which he succumbed a few hours later in hospital. Keen regret is felt by his many friends in the profession at this untimely end of a very promising career, and the warmest sympathy is felt for his widow in her sad loss.

WEST & DRAKE,
8, NEW COURT,
LINCOLN'S INN, W.C.2.
22nd February, 1939.

To the Members,

THE INSTITUTE OF MARINE ENGINEERS,
85/88, THE MINORIES, E.C.3.

GENTLEMEN,

We have to report that we have examined and checked the Accounts of your Institute for the year ended 31st December, 1938, and we set out below our observations.

(1) The Revenue Account shows a Surplus of £635 7s. 2d. as compared with £741 4s. 11d. last year, a decrease of £105 17s. 9d.

(2) The Gross Revenue for the year was £8,005 8s. 11d., an increase of £282 10s. 3d. made up as follows:—

	Increase.
Subscriptions	6 0 3
Entrance Fees	5 2 0
Advertisements	241 11 0
Interest	18 10 6
Contributions towards Expenses for use of Hall and Library	8 9 6
Sundry Sales	2 17 0
	<hr/>
	£282 10 3

(3) Expenditure charged to Revenue amounted to £7,370 1s. 9d., an increase of £388 8s. 0d. made up as follows:—

	Decrease.	Increase.
General Expenses	—	341 9 10
Rent, Rates, etc.	—	6 16 1
House Account	—	14 9 0
Repairs	399 9 0	—
Insurance	—	3 9 3
Transactions	—	440 6 0
Transactions (Bound Volumes)	—	15 0 11
Junior Section	—	3 13 3
Library Account	—	13 16 5
Depreciation	1 15 4	—
Heat Engines Prizes	—	0 7 2
Oil Engines Trials	—	—
Committee Reports	46 5 7	—
Institute Badges	3 10 0	—
	<hr/>	<hr/>
	£450 19 11	839 7 11
Deduct Decreases...	450 19 11
	<hr/>	<hr/>
Increase as above...	£388 8 0

(4) The difference between the increase of £388 8s. 0d. in Expenditure and the increase of £282 10s. 3d. in Revenue accounts for the decrease of £105 17s. 9d. in Surplus Revenue.

(5) *The Running and Maintenance of Marine Machinery Handbook Account.*

In accordance with the Council Minute of 3rd July, 1933, £47 2s. 6d. has been paid to the Guild of Benevolence. Further Sales (less Expenses) during the year amounted to £42 6s. 4d.

(6) *Investments.*

The Investments stand at cost with the exception of the £200 2½ per cent. Consols which were written down to £119, their value at 31st January, 1919, and remain in the books at that figure.

The Market Value at 31st December, 1938, of the Institute's free Investments standing in the books at £14,919 18s. 8d., was £14,801 5s. 0d. During the year the following Investments were made:—

£500 3½ per cent. Conversion Stock at a cost of £511 13s. 3d.
£200 Bank of England Stock at a cost of £703 17s. 0d.

(7) We have verified the Investments and Bank Balances and have inspected the Insurance Policies and Title Deeds, and we have obtained all the information and explanations we have required. In our opinion the Balance Sheet of your Institute has been properly drawn up so as to exhibit a true and correct view of the Institute's affairs according to the best of the information and explanations given to us and as shown by the books of The Institute.

Yours faithfully,

WEST & DRAKE,
Chartered Accountants.

The Honorary Treasurer then read the foregoing Auditors' Report and his own report on the financial affairs of The Institute as follows:—

"I hope Members will not complain of the comments I have to make on the Audited Accounts as being on too similar lines to those of last year. This can hardly be otherwise, as many of the items are similar and of a recurring nature.

If you will look on the Revenue Account, you will observe that practically all the items of expenditure are increasing:—

General Expenses are up from £2,683 17s. 6d. to £3,025 7s. 4d.

Rent, Rates and Taxes are up from £536 2s. 1d. to £543 18s. 2d.

House Account up from £572 14s. 9d. to £587 3s. 9d.

Printing of Transactions from £2,470 15s. 0d. to £2,911 1s. 0d.

The only item which is heavily reduced is that for Repairs which stand at £53 0s. 9d. against last year's figure of £452 9s. 9d. and it is due to this fact that we are able to show a final balance of £635 7s. 2d.

On the Income side Subscriptions and Entrance Fees are almost the same as last year, £5,318 8s. 11d. and £333 15s. 0d. against £5,312 8s. 8d. and £328 13s. 0d. respectively for last year. There is a satisfactory increase on the Income side due to Advertisements from £1,329 3s. 6d. to £1,570 14s. 6d. This certainly shows the increasing value of our Transactions as an advertising medium. It is always bound to be of a somewhat fluctuating nature due to conditions of trade generally. The past year's Income in this respect is the highest we have ever had but only £92 5s. 0d. above the previous best year which was in 1931.

It is certainly satisfactory to note that in spite of the remarks I have made we have a balance on the right side of our Income and Expenditure Account amounting to £635 7s. 2d.

Included in the General Expenses is an item covering Affiliation Subscriptions to Institutions for research. Last year this amounted to a total of £115 9s. 0d. This year the item is increased to £143 13s. 0d. and appears as a separate item. The principal subscriptions under this heading are as follows:—

	31st Dec., 1929	31st Dec., 1930	31st Dec., 1931	31st Dec., 1932.	31st Dec., 1933.	31st Dec., 1934.	31st Dec., 1935.	31st Dec., 1936.	31st Dec., 1937.	31st Dec., 1938.
Receipts from Subscriptions	£ s. d. 3,722 14 5	£ s. d. 4,010 16 11	£ s. d. 4,051 10 1	£ s. d. 4,225 12 3	£ s. d. 4,330 7 7	£ s. d. 4,597 8 4	£ s. d. 4,761 1 4	£ s. d. 5,258 15 6	£ s. d. 5,312 8 8	£ s. d. 5,318 8 11
Entrance Fees...	364 2 2	411 2 8	468 12 0	393 0 0	373 17 6	418 12 9	491 3 3	371 15 0	328 13 0	333 15 0
Advertisements ...	1,223 1 0	1,129 12 0	1,236 18 6	1,085 5 6	1,024 18 6	1,067 6 0	1,015 1 0	1,118 8 6	1,329 3 6	1,570 14 6
Total Income ...	6,058 17 11	6,215 1 5	6,487 5 1	6,409 9 10	6,428 11 9	6,738 6 1	6,921 18 4	7,489 13 6	7,722 18 8	8,005 8 11
General Ex. A/c.	1,708 18 10	1,955 16 6	1,878 1 11	1,957 3 7	2,181 10 7	2,126 5 7	2,387 2 0	2,962 2 7	2,683 17 6	3,025 7 4
Rent, Rates and Taxes	663 9 10	660 17 9	659 18 3	647 19 9	477 15 8	470 4 6	484 10 3	519 2 1	536 2 1	542 18 2
House A/c. ...	417 6 1	411 7 4	440 11 3	468 7 8	489 15 2	473 11 6	553 2 2	549 19 5	572 14 9	587 3 9
Repairs and Redecorations	317 0 8	72 9 5	434 4 3	260 7 0	10 12 7	530 13 7	107 19 0	16 15 1	452 9 9	53 0 9
Printing Transactions ...	2,115 9 0	2,075 0 0	2,459 6 6	2,292 15 7	2,320 0 9	2,223 11 3	2,334 14 6	2,480 6 9	2,470 15 0	2,911 1 0
Sundry Creditors	1,382 1 1	928 9 2	944 19 3	385 7 8	387 11 7	467 7 8	1,363 7 8	526 5 0	448 6 3	536 17 11
Capital A/c. ...	23,072 8 2	23,792 7 5	24,088 9 11	24,581 11 0	25,962 3 4	26,652 15 0	27,304 3 7	28,010 9 11	28,999 16 6	29,635 3 8
Balance on Revenue A/c.	494 13 6	719 19 3	296 2 6	493 1 1	745 0 7	690 11 8	651 8 7	706 6 4	741 4 11	635 7 2

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TABLE B.
BENEVOLENT FUND.

GUILD OF
BENEVOLENCE.

	31st Dec., 1929.	31st Dec., 1930.	31st Dec., 1931.	31st Dec., 1932.	31st Dec., 1933.	*31st Dec. 1934.	31st Dec., 1935.	31st Dec., 1936.	31st Dec., 1937.	31st Dec., 1938.
Revenue :—	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Interest on Investments	92 15 10	93 8 0	94 8 8	83 0 0	85 9 4	108 14 8	339 17 2	360 2 0	378 12 4	391 9 10
Ground Rents							180 18 5	352 3 1	352 3 0	352 2 10
Members Subscriptions							163 12 3	160 4 8	196 7 1	248 4 1
Donations... ..	18 2 6	12 13 2	28 16 6	46 6 0	71 8 9	102 9 2	140 16 4	106 2 9	191 2 2	93 11 8
Income Tax recovered	21 6 4	20 14 4	21 18 8	20 14 11	19 10 7	16 17 2	27 7 3	40 16 4	52 8 6	49 7 1
Total Receipts ...	132 4 8	126 15 6	145 3 10	150 0 11	123 9 8	239 1 6	825 4 2	978 12 6	1,118 4 7	1,115 0 0
" " (without donations)	114 2 2	114 2 4	116 7 4	103 14 11	104 19 11	136 12 4	684 7 10	872 9 9	927 2 5	1,021 8 4
Expenditure ...	132 4 8	126 15 6	125 1 0	165 6 4	120 7 0	104 15 1	539 19 7	864 19 1	944 4 5	1,115 0 0
Investments ...	2,340 17 2	2,340 17 2	2,544 17 11	2,543 7 11	2,645 17 8	8,052 19 5	17,318 14 4	19,701 5 4	20,019 15 9	20,171 11 9
Cash and Deposit A/c. ...	8 11	1 11 1	21 13 11	7 18 6	9 11 2	6,459 6 7	1,923 9 3	44 8 3	10 10 0	178 5 0

* Includes Benevolent Fund to Aug 2nd and Guild of Benevolence from Aug. 2nd to Dec. 31st.

SOCIAL EVENTS ACCOUNT.

Dr.	£	s.	d.	Cr.	£	s.	d.
To Payments	1,710	18	2				
" Expenses of Golf Meetings	36	17	5		226	18	10
" Donation to Guild of Benevolence	100	0	0		1,977	3	0
" Balance, 31st December, 1938	356	6	3		£2,204	1	10
By Balance, 31st December, 1937							
" Receipts							
					£2,204	1	10

LIBRARY AND READING ROOM ACCOUNT.

Dr.	£	s.	d.	Cr.	£	s.	d.
To Reading Room Expenses	47	11	11				
" Book Purchases and Binding	34	1	8		1	18	7
					79	15	0
					£81	13	7
By Sales							
" Revenue Account							
					£81	13	7

Wm. Froude Tank Research	£21	0	0
Joint Committee on Materials and Their Testing	10	0	0
British Non-Ferrous Metals	25	0	0
British Electric & Allied Industries	25	0	0
Parliamentary Science Committee	10	10	0
Engineering Public Relations Committee	33	15	0

As indicated in my Report last year this total now appears as a separate item.

It is only right to draw your attention to the item of £263 for Sundries under General Expenses. The principal item covered here is the sum of £73 11s. 8d. for expenses incurred in connection with the International Engineers Congress at Glasgow where we were fortunate in having to contribute such a small item to this very important Congress.

Further, as regards the International Conference of Naval Architects and Marine Engineers in which we were associated with the Institution of Naval Architects—and the particularly satisfactory Reception at Guildhall—there were no expenses involved as far as the Institute was concerned.

Another rather large item in this £263 is one of £46 8s. 3d. covering the expenses of the Special Press Dinner which the Council arranged with a view to obtaining improved Press Notices.

In the appointment of Eng. Commander D. Hastie-Smith, R.N. (ret.) as Abstractor and Sub-Editor, in a part time capacity, we have incurred an additional annual charge on our Salary list of £300 per annum. Part of this, however, will be recovered from kindred Associations. There is however, no doubt but that this portion of our Transactions is already appreciated and is well worth the expenditure and cost involved.

On our Balance Sheet we show an overdraft of £289 1s. 1d. This fortunately was only temporary and occurred towards the end of the year prior to the receipt of subscriptions for the year 1939. Your Council have taken the view that it is better to invest any balances they have in hand in the early part of the year thereby securing a dividend on such investments and any small charge by the Bank for an overdraft for the last month or two of the year is more than offset by the dividends received on amounts invested in the earlier part of the year.

As a matter of fact we have, as you will have noted from the Auditor's Report, made additional Investments on Capital Account of £500 in 3½ per cent. Conversion Stock at a cost of £511 13s. 3d. as well as £200 in Bank of England Stock at a cost of £703 17s. 0d.

The 'Running and Maintenance of Marine Machinery Handbook' shows a profit of £51 5s. 4d. which will again be transferred to the Funds of the Guild of Benevolence, less expenses.

The balance to the credit of Social Events

Account shows a total of £356 6s. 3d. as compared with £226 18s. 10d. last year. The Council will undoubtedly, at their next Meeting, vote £100 of this to the Funds of the Guild of Benevolence.

The Capital Account is now increased to the total sum of £29,635 3s. 8d. being £635 7s. 2d. more than the amount shown in last year's accounts.

Referring to our assets, these are increased by two items, as already referred to, viz. : £500 3½ per cent. Conversion Stock and £200 Bank of England Stock and make a total of £14,919 18s. 8d. against last year's figure of £13,704 8s. 5d. The Market value as at 31st December, 1938, is £14,805 5s. 0d. and does not show the full value of these additional investments as general Market values have gone down, the Market value of the Investments at the end of 1937 being £14,181. This is a condition, however, due to general financial market conditions and of course cannot be obviated.

There is an income from Life Subscriptions, totalling £124 6s. 2d. which will be just about sufficient to take out another Redemption Policy on these premises for another £1,000 which when obtained will bring the total of the Redemption Policies on these premises to £23,000. These all mature, as you will notice, in 2012 the present Surrender Value of our existing policies being £2,097 11s. 0d.

This sum, however, is not taken into our Assets as the figure for the City premises at cost of £14,650 0s. 5d. is kept the same and no depreciation has been allowed thereon since this item first occurred in our Balance Sheet.

The Accounts for the Guild of Benevolence will be coming up before their Annual Meeting very shortly, but it is satisfactory to be able to report that the investments here show a slight increase, being now £10,905 16s. 10d. against £10,754 0s. 10d. last year. This is due to an additional investment of £150 in 3½ per cent. Conversion Loan, 1961.

The total Income on Revenue Account is £1,115 and is £3 4s. 7d. less than last year, although as far as Disbursements are concerned they have paid out £1,060 13s. 6d. against £889 16s. 0d. paid last year. You will gather from this that they have expended £29 11s. 7d. more than they have received after allowing for cost of printing and stationery, postage, audit fee and miscellaneous expenses.

It is still necessary to make a special appeal for increased Membership of the Guild of Benevolence and the Guild of Benevolence Committee will be only too pleased to welcome a large influx of our Members to swell the Income for what is certainly a most deserving object. Any large sums received from Members who desire to contribute would of course be placed to the credit of Capital Account and invested, thereby benefiting the Funds of this deserving organisation for all time.

Mr. R. M. Gillies (Member) moved the adoption of the Report and Accounts. He said that they

would have noticed that the past twelve months had been a period of exceptionally heavy work for the Officers of The Institute, and he felt sure that the Report which had now been put before them would give unqualified satisfaction to the Membership.

The Accounts, too, were highly satisfactory. There was one minor point in connection with these which he had been asked to raise. Some Members considered that the expenses in connection with the Annual *Conversazione* and the Annual Dinner should be detailed in the Social Events Account.

(At this point the Honorary Treasurer, with the Chairman's consent, intervened to say that it had been the custom of the Accountants to show only balances in the Social Events Account, but there was no objection to the procedure suggested and he would see that it was done in future).

Continuing, Mr. Gillies said that he had very great pleasure in formally moving the adoption of the Report and Accounts.

Mr. T. A. Crompton (Member), seconding the adoption of the Report and Accounts, said that the Membership of The Institute was not making the progress which he considered it might, especially as regards full Members. Allowing for losses by death and resignation, these had increased by only six, while the Associate Members showed a drop of nine. There had been a very satisfactory increase in the number of Associates, and he hoped they could look forward to similar increases in the other two grades.

The educational side of The Institute's activities had been very prominent during the past year. The papers had been of a high standard and the *TRANSACTIONS* had been not only of great value to The Institute Members but to the engineering world as a whole. The activities of the Junior Section were particularly commendable, and he had been specially impressed by the provincial meetings.

He would endorse Mr. Robertson's remarks about the Guild of Benevolence. Out of a membership of over 4,000 there should have been a greater increase than 33 subscribing members and four life members of the Guild.

He considered that the Council and particularly Mr. Rainie were to be congratulated on the letter which had been written to the Shipping Federation. It was a valuable contribution to the efforts to raise the status of the marine engineer.

He was glad to see that there was no intention to lower the standard of the Associate Membership Examination, particularly in view of the decision of the Institution of Civil Engineers to allow exemption from Section B of their examination to those who had passed The Institute Examination.

Members would wish to be associated with the tributes paid to those two old and prominent Members. Mr. George Adams and Mr. Robert Leslie, who had passed away since the last Annual Meeting.

He had no criticism to make of the Accounts. Their Honorary Treasurer was not only a Chartered Marine Engineer, but he had as well the accomplishments of a Chartered Accountant.

The President then put to the meeting the proposal that the Report and Accounts be adopted, and this was carried unanimously.

The next business on the programme was the presentation of the Awards as follows:—

Denny Gold Medal: Mr. S. S. Cook, F.R.S.
Institute Silver Medal: Professor A. L. Mellanby, D.Sc., LL.D.

Extra First Class Engineer's Medal: Mr. T. Shaw.

Stephen Award: Mr. J. M. Webster.

Mr. Cook, Professor Mellanby and Mr. Shaw were present in person and were warmly applauded as they came forward to receive their respective awards and the President's congratulations.

It was reported that as Mr. Webster was resident in Australia his award has been forwarded to him.

Mr. R. Rainie, M.C. (Chairman of Council) then rose and moved a vote of thanks to the President in the following terms:—

"This Institute has always been very fortunate in the selection of its Presidents and never more so than when it decided to invite Sir Julian Foley to occupy the President Chair.

As I indicated on the evening of his Presidential Address, The Institute explored an unaccustomed avenue to find its President; that experience in exploration will doubtless encourage The Institute in the years to come.

I am going to say that throughout the period I have been an active member, I do not know a year in which the President has been called upon to devote so much of his time to us as the year which has ended.

I think the only function—I hardly like to say duty—which he has not carried out was to attend our Golf Meetings and give me the pleasure of winning at least the 19th hole.

You will remember in the month of June of last year the International Conference of Naval Architects and Marine Engineers, when our President occupied the chair at the reading of papers and also ably represented us at the various receptions and social functions connected with that Conference. Later, at the International Engineering Congress in Glasgow, Sir Julian again brought kudos to our Institute.

We remember his Presidential Address, which I think gave marine engineers a new angle from which to view the shipping fraternities' relationship with officialdom.

Then at the *Conversazione*, the largest and most successful function of its kind, Sir Julian presided with, I trust, satisfaction to himself, as he undoubtedly did to our Members and their guests,

and more recently at the Jubilee Dinner last week he presided and spoke for us before that large, representative, and influential gathering in a manner well worthy of the occasion.

Interspersed with our own official functions, Sir Julian has represented us at many others and has done us the honour of presiding over our Annual Meeting to-night.

I venture to remind you that during his period of Presidency he has also been carrying an almost unbearable load in connection with his official occupation, due to the disturbed international situation and its effect on the policy of this country.

To-night with regret, we say goodbye to a President, but I trust that we will retain a friend who, I take leave to suggest, has not made such close contact with the members of The Institute without deriving some little benefit for himself, as we undoubtedly have in making contact with not only a delightful character, but a high official of that department of Government which controls the conditions of life of so many of our Members.

Sir Julian, I ask you to believe that we do say goodbye to you as a President with very considerable regret, and with very considerable appreciation of your service to us.

I therefore move, gentlemen, that a vote of thanks be given to the President and will ask Mr. Timpson to second this motion".

Mr. A. F. C. Timpson, M.B.E. (Vice-Chairman of Council) said that earlier in the proceedings the President had expressed surprise at the large attendance at what was a purely formal and nominal affair and that this showed the interest of the Members in The Institute. Similarly the Presidential appointment was sometimes taken as being purely nominal. In the case of our President, it could be said in all sincerity that he had proved himself a most active and enthusiastic holder of his office. During his year of office The Institute had participated in many activities which the President had supported in a most able manner.

One of the mementos of this busy year was the Presidential Chair presented by the American Society of Naval Architects and Marine Engineers at the conclusion of the International Conference of Naval Architects and Marine Engineers in London. Sir Julian was the first President to occupy that Chair at an Annual General Meeting and it would augur well for the progress of The Institute if in future years the Chair was as worthily occupied as it was on this occasion. He had great pleasure in seconding the proposal that a vote of thanks be accorded to the President.

The President, responding to the vote of thanks which was accorded to the accompaniment of loud and prolonged applause, said how much he had enjoyed his year of office, which had been a period of great interest for reasons which they all knew. His duties as President had afforded him

contacts with men of this and other countries whom otherwise he would never have known, and opportunities to participate in Conferences in which otherwise he could have taken no part.

There were one or two points he desired to make. The Chairman of Council had referred to the Jubilee Dinner. One of the speakers, when he sat down after speaking at that function, had said to him (the President) that the audience was rather difficult. He had replied that it would be more difficult later, a fact with which the guest in question had subsequently been compelled to agree. But then it was the nature of the marine engineer to be like that, and it was one of the characteristics which made the marine engineer so likeable. In his (the President's) view, there was no reason why the Dinner should be a starchy affair.

The President next referred to the work of various Committees, particularly that of the Papers and Transactions Committee under Mr. Timpson and the Junior Section Committee under Mr. Spanner. He would like to underline these activities, which had been referred to in the Annual Report. Both the technical papers and the abstracting had been kept at a very high standard by the former Committee, while the Junior Section Committee had been doing very valuable work in a quarter in which valuable work was extremely desirable and most fruitful—amongst the hopes of the future. Anything done to get these youngsters on the right line would redound to the credit of The Institute of Marine Engineers later on.

He must refer to his friends Mr. Robertson and Mr. Rainie, who had been most helpful to him during the past year. Mr. Rainie, as Chairman of Council, had conceived it his duty to keep an eye on the President for the year and, aided by his charming wife, had done so very successfully. Although he and Mr. Rainie had not played golf, they had taken part on occasion in the ceremonies associated with the 19th hole.

In conclusion, he had the misfortune of saying goodbye to the office of President, but he was glad that that did not mean goodbye to The Institute or to the many friends he had made during his period of close association. He wished them every success in the valuable work they were doing individually and as an Institute.

The President next announced the report of the Scrutineers, the result of the voting being as follows:—

President:—Sir Percy E. Bates, Bt., G.B.E.

Vice-Presidents:—

London: A. E. Crighton, J. Carnaghan, J. Hamilton Gibson, O.B.E., M.Eng., J. B. Harvey, J. J. McKenzie, S. N. Kent, R. Rainie, M.C., R. T. Wilson.

Liverpool: Lee Wood.

Barrow-in-Furness: Eng. Rear-Admiral Sir R. Beeman, K.B.E., C.B., C.M.G.

Southampton: Eng. Com'r. W. A. Graham, R.N.R., O.B.E.

Glasgow: J. R. Richmond, C.B.E.

Greenock: James Brown, C.B.E.

Royal Navy: Eng. Rear-Admiral A. G. Crousaz, C.B.

Merchant Navy: Llewelyn Roberts, C.B.E.

Antwerp: Lt.-Col. H. J. P. Beliard, Officier de la Légion d'Honneur, Officier de l'Ordre de Leopold, D.S.O., O.B.E.

Bombay: H. P. Southwell.

New York: J. L. Luckenbach.

Buenos Aires: J. C. G. Williamson.

Yokohama: H. D. Buchanan.

Hong Kong: W. O. Lambert.

Cape Town: A. H. Boyle, D.S.C.

San Francisco: Carl E. Petersen.

Montreal: D. B. Carswell.

Honorary Treasurer:—Mr. Alfred Robertson, C.C.

Members of Council:—Messrs. R. M. Gillies, H. A. J. Silley, J. A. Rhynas, F. W. Youldon and T. A. Crompton.

Associate Member of Council:—Mr. G. T. Marriner.

Mr. T. A. Bennett (Member), seconded by Mr. S. Hogg (Member), then proposed that Mr. G. J. Isaac, The Institute's Vice-President at Sunderland until his recent removal to London, be elected an additional Vice-President for the London area.

The President pointed out that according to the By-Laws, the nomination of Vice-Presidents was vested in the Council, and added that the Council would be very pleased to consider the speaker's proposal in due course.

Mr. F. W. Youldon (Member) proposed a vote of thanks to the Scrutineers (Messrs. A. E. Whiteside and G. B. Plows) and to the Honorary Auditors (Messrs. W. D. Heck and H. J. Vose) and their re-appointment for 1939. This proposal was carried with applause.

The President next referred to the special item on the Agenda—the Special Resolution amending By-Laws 27 and 28, a copy of which had been circulated to Corporate Members prior to the meeting in accordance with the Constitution of The Institute, and called upon the Chairman of Council to move the Resolution. **Mr. R. Rainie, M.C.** (Chairman of Council), responding, said:—

"You have had circulated to you in accordance with the Constitution of this Institute the terms of the Special Resolution which it is the unanimous wish of the Council that I should submit to this meeting.

After I formally move the adoption of the Resolution your Treasurer, Mr. Robertson, will second the motion and will no doubt give you details of the financial position, consideration of which

caused your Council to frame this resolution for submission.

The essential matter concerning it is that the credit balance at the end of the year is such that it is not considered adequate, if the activities of The Institute are to be carried on on the same scale as they are at present, apart altogether from those activities being extended.

I would remind you that the present scale of subscriptions was set at the Annual Meeting in the year 1920, the total membership recorded being then 1,902, whereas at the 31st December, 1938, the total membership was 4,110. That in itself, gentlemen, might not be considered a justification for an increase in subscriptions, but members who care to do so can, by study of the TRANSACTIONS, arrive at some idea of the interests with which The Institute has become associated since 1920, and the activities in which it takes part. The staff, in 1920 four in number, has had to be made adequate to deal with these increases.

I would say that The Institute has reached by its own efforts a position among scientific bodies of equality with them, and furthermore that in 1920 it did not occupy such a position. The Institute is now a constituent of the Engineering Public Relations Committee. Moreover, it is a constituent of the Engineering Joint Council, the supreme body representing the leading engineering institutions. A glance at your TRANSACTIONS will show the work done by The Institute's representatives in making awards, under various conditions, to those who prove themselves worthy in the science and practice of marine engineering.

The papers read before The Institute have reached a standard which is worthy of the position it now occupies. The Junior Section has developed into a very live Section indeed, and is most important to the future health of The Institute.

The Library is kept up to date and the increasing reference to it and the use made of it is recorded in the Annual Report.

Publicity also, with the object of getting a proper appreciation of the marine engineer and our membership, is being carried on actively and being further developed.

The work of the Education Group is another development of recent years, most useful to our profession and to our status as a scientific body.

Further, you will see the work done by your representatives on research committees and advisory committees of all kinds.

Another feature is the development of the Abstracts, and the Council has appointed to the staff an abstractor whose work is now most important and practically an essential feature of our TRANSACTIONS.

The development of these activities, gentlemen, costs money. Their value is indicated by the position our Institute now occupies and that position undoubtedly benefits the membership.

Apart altogether from that, I mention briefly that there is no other engineering institution of equal standing with an annual subscription so low as ours and there is no other such body whose proportion of operating expenses, *i.e.*, salaries, wages and pensions, per head of membership, is anything like ours. That proportion in the case of The Institute of Marine Engineers is 10s. 6d. per head. The nearest corresponding figure of any other engineering institution is £1 0s. 2d. per head.

If progress is to continue The Institute must be assured, in the future, of a greater margin of credit than that indicated in the Revenue Account. It is on the assumption that it is the desire of the membership that The Institute's progress should continue that the Council has submitted this Special Resolution to you.

I have heard criticism of what is called differentiation between members. Might I say that that matter had the fullest consideration of your Finance Committee and the Council. In arriving at the terms of the Resolution consideration was given to the possible effect on our various grades of increased subscriptions. Approximately 40 per cent. of our Members are at sea, 40 per cent. of our Associate Members are at sea, and 80 per cent. of our Associates. Associates *ipso facto* are young men in the very early stages of their careers and in the minor and lower paid positions and have consequently been left out of consideration. Our Associate Members ashore, because of their qualifications, are mainly in more senior and better paid positions than their colleagues at sea. That remark applies equally to our Members.

The Resolution, therefore, embodies what appears to your Council to be a reasonably just method of meeting the situation with which The Institute is faced.

In the opening of the Annual Report which the Secretary read appears the following:—

'The one English word which the founders embodied in The Institute's crest—AHEAD—retains its significance'.

Gentlemen, it is in order that this Institute can live up to the full meaning of that word that I move that, subject to the provisions of Article 20 of the Royal Charter of The Institute dated 23rd April, 1933, By-laws 27 and 28 shall be amended in the terms which are before you and that so amended they shall take effect on and after the 1st January, 1940".

Mr. A. Robertson, C.C. (Honorary Treasurer) said:—

"The Chairman of Council, in proposing this Special Resolution, has dealt with it quite extensively. In seconding the resolution I wish to stress its necessity more particularly from the point of view of actual figures in support of what Mr. Rainie has said.

The past year's Accounts show, on our Revenue

Account, as you have already heard, a balance of £635, but, as also explained, the amount allowed in the past year for repairs is practically nil. Had we had to meet anything substantial in this way the balance would of course have been very much less. In the coming year we have to meet a substantial account in this connection, and you must realise that as this building gets older this item is going to increase still further as an annual charge.

I want to lay special emphasis on my remarks with reference to the Staff as at present constituted. Your Chairman has indicated that this has been increased, but even with the increase it is undoubtedly working to full capacity; in fact I think I may say, with the concurrence of the Council, that it is overworked. There is almost certain in the near future to be a further increase in this connection to cope with the demands of the work of The Institute. Moreover, it is not right for us to expect our Staff to remain satisfied and contented unless they have a reasonable prospect of financial advancement. There are no complaints from our Staff, but we want to be in such a position as to give them reasonable advancement in this respect without their being unduly overworked, and so obviate the possibility of valuable assistants being lost due to resignation and new assistants having to take their place. At the head of our Staff we have a Secretary, than whom, as far as organising ability particularly is concerned, it would be hard to find a better. The hours he puts in over and above what can be reasonably expected of him are very considerable. He is always up to date with any information required by the Chairman of any of the Committees, as well as the Council, and when I tell you that he is undoubtedly carrying on his work here for considerably less remuneration than the Secretary of any other large Technical Institution I know, you will appreciate that he has the right to look forward to reasonable advancement as far as income is concerned. It would be quite impossible for us to consider anything much beyond what he is at present receiving, without our income being increased.

You will have noted that our total expenditure, as far as General Expenses are concerned, amounts to £3,025. Printing of TRANSACTIONS to £2,470, a total on these two items alone of £5,495 which is practically equivalent to the total income from Subscriptions and Entrance Fees, amounting in the past year to £5,652. This is roughly £1 0s. 0d. per member and does not allow for anything in the form of Ground Rent, Rates, Gas, Electricity, House Account, Repairs, Depreciation, etc.

It would be quite impossible to carry on the activities of The Institute as at present constituted in the extensive field which they cover, if it were not for the, may I say, extremely conservative policy which has been adopted by the Council in the past, whereby our financial reserves have been built up, the interest on our Investments alone representing an item in our Balance Sheet for the past year of £573 18s. 0d.

The total expenditure on Salaries, Wages and Pension Fund for this Institute, already referred to by Mr. Rainie, amounts to only 10s. 6d. per head of the membership, as compared with £1 0s. 1d., £1 0s. 2d., £1 6s. 1d., £1 6s. 4d., £1 16s. 5d. and £2 0s. 2d. of five kindred Institutions whose names it is unnecessary to give, which proves conclusively that the affairs of this Institute are carried on on an extremely careful and economic financial basis.

The Council wish to continue to be able to build up our financial reserves without having to curtail expenditure on activities which have already been under way for some considerable time, and they have to face the possibility—although it may be somewhat remote—of any road improvement policy which may conceivably be adopted (and in fact has already been proposed and for the time being turned down), which, if it eventuated, would necessitate our removal from these premises and either building or taking over and altering other premises, which would of course involve heavy financial outlay.

There is no need for me to go into the details of a number of other items, which I could easily do; these you have already seen in the Accounts, but, as your Treasurer, I do feel very strongly—and this opinion is backed up by the full Council—that what is proposed to-night is a necessity. It is for the Members to face this situation, and if this Resolution is passed to-night, I feel sure that the Council will take it as a definite instruction that they are to continue to work to increase the influence of this Institute in the world of Marine Engineering, Shipbuilding and Naval Architecture”.

Mr. E. R. Hall (Associate Member) stated that while he was in no way opposed to the terms of the Special Resolution, particularly in view of the case put forward by Mr. Rainie and Mr. Robertson which made the change in the Bye-Laws seem highly desirable, he felt that as the subject of the Resolution was one which affected the provincial members, they should be allowed a voice in the matter. In view of the fact that the By-Laws of The Institute prohibited voting by proxy, he moved that a poll of the Corporate Members be taken on the Special Resolution. (Mr. Hall made it clear that by “a poll” he meant any means by which the votes of the Corporate Members as a whole were allowed to decide the issue, and he had in mind a postal vote).

The President pointed out that the By-Laws required that a poll must be demanded by at least five members present who were entitled to vote. Upon his calling for the necessary supporters of Mr. Hall's proposal, the requisite number of members signified their support. The President next pointed out that By-Law 79 stated that “if a poll is demanded it shall be taken at such time and in such manner as the Chairman directs and shall

be deemed to be a resolution of the meeting at which the poll was demanded". He therefore ruled that the poll should be taken, and that it be left to the Council to make the necessary arrangements.

A general discussion of the terms of the Special Resolution ensued, and in reply to a question the Secretary informed the meeting that only seven letters on the matter had been received from members. Of these one definitely supported the proposal, one was definitely against it and the remaining five suggested variations of method of applying the proposed increases, and particularly regarding the differentiation between seagoing and non-seagoing Members. Several points raised in the discussion were clarified by the President. Various speakers, including Messrs. T. A. Crompton, G. O. Watson, Wm. McLaren, F. W. Youldon and A. T. Quelch, expressed views on the proposed changes. In view of the explanations put forward by the proposer and seconder of the Resolution, none of these speakers was opposed to an increase in the subscriptions, but two expressed the view that the administrative difficulties associated with the proposed differentiation between seagoing and non-seagoing members might make the changes unworkable or extremely difficult.

Mr. T. A. Crompton moved, and **Mr. A. T. Quelch** seconded an amendment to make the proposed increases applicable to sea-going Members as well as to those ashore.

The President then put this amendment as applying to By-Law 27, and it was carried by a large majority. He then put the Amendment as applying to By-Law 28, and this also was carried by a large majority.

Mr. E. R. Hall, with the concurrence of his supporters, then formally moved that the poll be taken on the Special Resolution as amended. The President put this proposal, and it was carried unanimously. The President then announced that the Special Resolution in the following terms would be submitted as soon as possible to Corporate Members for the purpose of a postal vote thereon:

"That subject to the provisions of Article 20 of the Royal Charter of The Institute dated 23rd April, 1933, the By-Laws of The Institute shall be amended as indicated hereunder and so amended shall take effect on and after 1st January, 1940:—

By-Law 27. Present wording:—

'An entrance fee of £1 10s. and an annual subscription of £1 11s. 6d. shall be paid by each Member and by each Companion'.

Superseded by:—

'An entrance fee of £1 10s. and an annual subscription of £2 2s. 0d. shall be paid by each Member and by each Companion'.

By-Law 28. Present wording:—

'The Associate Membership Examination Fee shall be £2 An Entrance Fee of £1 10s. and an annual subscription of £1 7s. 6d. shall be paid by each Associate Member'."

Superseded by:—

'The Associate Membership Examination Fee shall be £2. An Entrance Fee of £1 10s. and an annual subscription of £1 15s. 0d. shall be paid by each Associate Member'."

On the meeting being thrown open for suggestions, **Mr. T. W. Longmuir** requested that the "No Smoking" rule be amended to allow smoking during the discussion of papers. Mr. F. W. Youldon supported this suggestion. Eng. Rear-Admiral W. M. Whayman stated that the Council had imposed the rule for a trial period only, and would probably be re-considering the matter at their next meeting. The President announced that the matter would receive the sympathetic consideration of the Council.

Mr. Wm. McLaren referred to the fact that the foundation stone of the present Institute building was laid by the then Lord Mayor of London, and on the occasion of this the Jubilee year of The Institute, it would be an appropriate gesture on the part of The Institute to make a contribution to the present Lord Mayor's appeal on behalf of St. Bartholomew's Hospital, to the work of which it was unnecessary to make any reference. The President promised that Mr. McLaren's suggestion would be submitted to the Council for consideration.

Mr. H. R. Tyrrell suggested that in future announcements of vacant positions on The Institute Staff—he referred to the recent appointment of an abstractor—the attention of members should be specially called thereto. This was a practice adopted by other institutions. The President promised that Mr. Tyrrell's suggestion would be brought to the notice of the Council.

Mr. F. A. Hunter (Member) said that it was a very pleasing duty to say a few words of appreciation of the excellent work which their Chairman, Members of the Council, Committees and Officers had carried out during the past year. He often wondered whether all of the Members fully realized the considerable amount of thought and time these Officers had to devote to The Institute's affairs. For instance, to supplement some of the President's references, he mentioned the work involved in the publication of the TRANSACTIONS month by month and also the arranging of the social events, all carried out with remarkable efficiency. And this was only a comparatively small part of the wonderful work that they had done. There were two features he would especially like to commend.

The first was the very well produced "History of The Institute, 1889/1939" which was circulated at the Jubilee Dinner last week, and the second was the letter (to which Mr. Crompton had called attention) from the Council to the Shipping Federation on the 12th January regarding the status of sea-going engineers, which he thought they would all agree was very opportune.

Finally, he would like to record appreciation of the valuable work, to which others had also referred, of their Secretary and his staff who all carried out their duties so well.

He had very much pleasure in proposing a hearty vote of thanks to all these gentlemen.

Mr. R. Rainie, M.C. (Chairman of Council), in responding, said:—

"I am now performing the last duty which I will carry out in my present capacity. That last duty as Chairman of Council is to return its thanks to you and that of the Secretary and staff for the vote of thanks which you have given them.

You have heard, and no doubt read, the Annual Report—the membership is in a healthy condition. The Institute itself has, I venture to suggest, increased the importance of the position it had gained among scientific societies; its activities are ever extending in the spheres associated with its work and objects; its motto is "AHEAD". That motto should never be lost sight of, and I would remind

you that Bruce's spider hatched its own ladder.

A personal note before I sit down. I would like to put on record my appreciation of being elected to the position of Chairman of Council for two successive years, my appreciation of the assistance and support I have received from the Members of Council, the Secretary and staff of this Institute, and to say that in certain matters if I have not yet experienced the thrill of ambition fulfilled, on the other hand I have not experienced the agony of ambition completely frustrated. I believe that this Institute through its elected Council will, in due course, find methods of improving in the world of engineering the status of the qualified marine engineer. That is the ambition to which I refer.

This meeting has been good enough to elect me as a Vice-President of The Institute, and while I am conscious of the honour done to me, the thought flashed through my mind that I had reached that delicate stage in a man's career which is represented by the interregnum between the end of a period of usefulness and consciousness of that fact. It may be, however, that in the more lofty position to which you have elevated me I may continue to be of some use to The Institute. I trust that will be so.

Now, gentlemen, I again thank you on behalf of the Council and Office Bearers for your appreciation of their work during the past year".

The proceedings then terminated.

THE INSTITUTE OF MARINE ENGINEERS GUILD OF BENEVOLENCE.

Trustees: THE INSTITUTE OF MARINE ENGINEERS (INCORPORATED BY ROYAL CHARTER).

General Committee, 1938.

Chairman: G. ADAMS. (Deceased 16th Dec., 1938).

Committee:

Vice-Presidents—*J. CARNAGHAN, †A. E. CRIGHTON, ‡R. S. KENNEDY.

Members of Council—*H. S. HUMPHREYS, †S. N. KENT, ‡A. F. C. TIMPSON, M.B.E.

Members of the Guild—‡T. A. CROMPTON, †G. SPECK, *CAPTAIN B. WARWICK, *F. W. YOULDON.

† Retire in 1939. ‡ Retire in 1940. * Retire in 1941.

Executive Committee, 1938.

Chairman: G. ADAMS. (Deceased 16th Dec., 1938).

Committee:

Vice-President—J. CARNAGHAN.

Members of Council—S. N. KENT, H. S. HUMPHREYS.

Members of the Guild—T. A. CROMPTON, CAPTAIN B. WARWICK, F. W. YOULDON.

Members of Committees—ex officio:

Honorary Treasurer: ALFRED ROBERTSON, C.C.

Secretary: B. C. CURLING.

Honorary Medical Officer: W. J. GALT, M.A., M.B., B.Ch., Ibex House, The Minories, E.C.3.

Honorary Solicitor: W. E. ARCHER, 51 and 52, Fenchurch Street, E.C.3.

Honorary Auditors: W. D. HECK and H. J. VOSE.

Auditors: WEST & DRAKE, 8, New Court, Lincoln's Inn, W.C.2.

Bankers: BARCLAY'S BANK, LIMITED.

THE INSTITUTE OF MARINE ENGINEERS GUILD OF BENEVOLENCE.

MINUTES OF PROCEEDINGS AT THE FIFTH ANNUAL GENERAL MEETING, Wednesday, April 19th, 1939.

Chairman: Mr. JAMES CARNAGHAN.

The Fifth Annual General Meeting of The Institute of Marine Engineers Guild of Benevolence was held in the Lecture Hall of The Institute at 6 p.m. on Wednesday, 19th April, 1939.

At the opening of the proceedings the Members, at the Chairman's request, stood in silence as a mark of respect for the late Mr. George Adams.

The Chairman, in his introductory remarks, welcomed the larger attendance on this occasion and expressed the thanks of the Guild to The Institute of Marine Engineers for the help given in the past year. He was giving no secrets away in stating that the Council had again made in the present year substantial contributions to the Revenue Account of the Guild from the Social Events Account and from the "Running and Maintenance of Machinery Handbook" Account. They also owed a debt of gratitude to The Institute for the accommodation granted to carry on the Guild's work and for the assistance of The Institute's staff, all without any cost to the Guild. Despite this assistance, they would learn when Mr. Robertson (the Honorary Treasurer) made his report that the Guild's expenditure slightly exceeded its income, a state of affairs which he trusted would not recur.

The Secretary then read the Annual Report as follows:—

FIFTH ANNUAL REPORT OF THE GENERAL COMMITTEE.

The Committee record with deep regret the death of their former Chairman, Mr. George Adams, which occurred in December last. Mr. Adams gave many years of valuable service as Chairman of the former Benevolent Fund and latterly of the Guild. His genial presence and keen interest are sadly missed by his colleagues.

In common with the experience of the benevolent organisations of other branches of the engineering profession the Guild continues to face the problem of dealing adequately with the cases of distress which come before it. The majority of these cases are outside the scope of any other charity, except perhaps the State Pensions or the

Public Assistance relief, hence the need for the most careful judgment in the allocation of the limited funds of the Guild. The Committee again urge upon all non-members the call to become members or donors, thereby bringing the total on the roll to a more reasonable proportion of the membership of The Institute.

The Committee tender their sincere thanks to the life and subscribing members and donors named in the following pages, who have so generously supported the Guild during the past year.

Meetings of the Committees.

Since the date of the preceding report the General and Executive Committees have held four joint meetings and eight meetings of the Executive Committee. At eleven of these meetings applications for relief were considered.

Applications for Relief.

A summary of the cases dealt with between 1st January and the 31st December, 1938, is given in the table on pages 5 and 6. Relief granted to these applicants involved an expenditure of £1,060 13s. 6d. In 26 of the above mentioned cases the relief has been continued from the preceding year.

Qualifications for Relief.

The Rule defining the principles upon which relief is granted is as follows:—

"The persons who shall be subjects for relief shall (but without prejudice to the power of the Executive Committee to decide what persons are proper subjects for relief, whether actually covered or not by the descriptions hereinafter mentioned) include the following:—

Members of The Institute of Marine Engineers, their wives, widows, and/or children.

Members of the Guild, their wives, widows, and/or children.

Engineers who possess Board of Trade Certificates of Competency, their wives, widows, and/or children.

Officers and employees of the Guild, their wives, widows, and/or children.

Where the claims are equal, preference shall be given to those applicants who are or have been Members of the Guild".

Scale of Grants.

The following scale of maximum grants, adopted in April, 1935, is still in force:—

Guild or Institute Members to receive 15s. per week.

Guild or Institute Members with dependants (wives and/or children) to receive 5s. per week for one and 2s. 6d. per week for each further dependant, but total not to exceed 25s. per week.

Non-Members to receive 15s. per week.

Non-Members with dependants (wives and/or children) to receive 2s. 6d. per head, total not to exceed 20s. per week.

The above payments to be subject to the total income of the applicants being not more than 40s. per week for Guild or Institute Members or 30s. per week for non-members, inclusive of the grant from the Guild.

In each case the period of the grant not to exceed thirteen weeks, at the expiration of which time the case to be reconsidered by the Committee if further application be made.

In certain cases a lump sum may be granted in order to relieve immediate distress and in such cases this sum may be additional to a grant under the basic scale.

Membership.

At the date of this report the Membership Roll included 92 Life Members and 331 Subscribing Members. 101 of the Subscribing Members have covenanted to continue their subscriptions for seven years, thereby enabling the Guild to claim repayment of Income Tax thereon. It is hoped that all Subscribing Members in this country will follow this course, as it will produce a very appreciable addition to the income available for distribution as relief.

Investigation of Cases.

The Executive Committee wish to record their appreciation of valuable assistance rendered by Messrs. H. C. Blane, J. R. Douglas, J. Houston, G. J. Isaac, Major E. W. B. Kidby, A. W. Loveridge and C. G. Moreland.

JAMES CARNAGHAN, *Acting Chairman.*
B. C. CURLING, *Secretary.*

The Honorary Treasurer then read the official Auditors' Report as follows:—

We have audited the Balance Sheet of The Institute of Marine Engineers Guild of Benevolence, dated 31st December, 1938, above set forth, and have received all the information and explanations we have required. In our opinion such Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the Guild's affairs according to the best of our information and

the explanations given to us and as shown by the books of the Guild.

(Sg.) WEST & DRAKE,
8, New Court,
Lincoln's Inn, W.C.2.
10th February, 1939.

The Honorary Treasurer, continuing, submitted the following statement on the Accounts for the past year:—

"The Balance Sheet for the year ending 31st December, 1938, shows a steady if slow progress and improvement on previous years.

The Capital Account has been increased from £20,030 5s. 9d. to £20,182 1s. 9d. This is due to an additional investment made during the past year of £150 in 3½ per cent. Conversion Loan 1961. £100 of this amount was received as a donation from the Social Events Account, the balance being made up of Life Membership Subscriptions and a transfer from Revenue Account of £9 16s. 0d.

The total amount of our Capital Account now stands at £20,182 1s. 9d. as compared with £19,070 7s. 0d. at the end of December, 1935, which may be considered the completion of the initial period of the formation of the Guild of Benevolence in its present form.

The total income from our Revenue Account amounts to £1,085 8s. 5d. as compared with £1,118 4s. 7d. for the previous year. In 1937, however, £100 given from Social Events Account went to Revenue, whereas last year this went, by resolution of the Council, to Capital Account. Had it been placed to Revenue Account our income would have been £1,185 8s. 5d. as compared with our first year (1935) of £825 4s. 2d.

The most satisfactory point about our Revenue Account is that the income from Members' subscriptions last year was up by £51 17s. 0d. This is a very pleasing increase for the year but it certainly should be very much above the figure at which it now stands. If only we could reach the ideal of every Member of The Institute being a subscribing member of the Guild of Benevolence the Revenue Account would be increased by nearly £2,000 per annum.

The running expenses charged to Revenue Account are very similar to those of the previous year and total £54 6s. 6d., including the Audit Fee, as compared with £54 8s. 5d. last year.

As has already been mentioned relief has been provided to the extent of £1,060 13s. 6d. as against £889 16s. 0d. last year, but we have a small debit balance of £29 11s. 7d.

This year the Council, I am glad to say, have reverted to their practice, which operated previously to 1937, of stipulating that the £100 donated from the Social Events Account should be allocated to Revenue Account.

The Committee are naturally anxious that the Capital Account should continue to increase, even

THE INSTITUTE OF MARINE ENGINEERS GUILD OF BENEVOLENCE.

Balance Sheet, 31st December, 1938.

LIABILITIES.	£	s.	d.	£	s.	d.
Capital Account						
Balance at 31st December, 1937	20,030	5	9			
Donation from Social Events Account...	100	0	0			
Life Membership Subscriptions	42	0	0			
Transfer from Revenue Account	9	16	0			
	<u>20,182</u>			1	9	
Revenue Account						
Balance at 31st December, 1937	343	7	7			
Deduct Transfer to Capital Account	£9	16	0			
Excess of Expenditure over Income for the year	29	11	7			
				<u>39</u>		
				304	0	0
Subscriptions received in advance				14	4	0
Creditor				5	5	0
				<u>323</u>		
					9	0
				<u>£20,505</u>		
					10	9

ASSETS.	£	s.	d.	£	s.	d.
Investments						
As valued 2nd August, 1934:—						
£1,937 London Midland & Scottish Railway 4% Preference Stock...	1,515	14	0			
£500 New South Wales 4% Stock 1942/62	505	12	6			
£250 3½% War Loan	259	16	3			
£403 4½% Conversion Loan 1940/44 ...	446	19	2			
At Cost:—						
£7,450 3½% Conversion Loan 1961 ...	7,962	9	10			
£200 4½% Conversion Loan 1940/44 ...	215	5	1			
	<u>10,905</u>			16	10	
(Market value 31st December, 1938, £9,681 9s. 4d.).						
Freehold Ground Rents, at cost						
Ryde (£70 0 0 per annum)	1,725	12	0			
Croydon ... (£103 0 0 " ")	2,767	10	8			
West Ham ... (£117 0 0 " ")	2,960	1	3			
Wimbledon ... (£6 2 6 " ")	161	0	0			
Bowes Park... (£6 0 0 " ")	155	16	2			
Thornton Heath (£25 10 0 " ")	664	15	6			
Iford... (£31 15 0 " ")	830	19	4			
	<u>£359</u>			7	6	
				<u>9,265</u>		
					14	11
Cash at Bank						
Current Account (Capital)				10	10	0
				<u>20,182</u>		
					1	9
Ground Rents due and accrued, less Commission for Collection				95	16	11
Income Tax Recoverable				49	7	1
Cash at Bank						
Current Account (Revenue)				176	0	8
Cash in Hand				2	4	4
				<u>323</u>		
					9	0
				<u>£20,505</u>		
					10	9

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Dr. REVENUE ACCOUNT for the year ended 31st December, 1938.

	£	s.	d.
To Relief	1,060	13	6
„ Printing and Stationery	22	4	9
„ Postage... ..	25	9	2
„ Audit Fee	5	5	0
„ Miscellaneous Expenses	1	7	7
	<u>£1,115</u>		
		0	0

	£	s.	d.
By Investment Income	391	9	10
„ Ground Rents, less Commission for Collection	352	2	10
„ Members' Subscriptions	248	4	1
„ Donations			
Proceeds of Sales of "Running and Maintenance of Marine Machinery" Handbook for the year ended 31st December, 1937	47	2	6
Sundries	46	9	2
	<u>93</u>		
		11	8
„ Balance, Excess of Expenditure over Income, carried to Balance Sheet ...		29	11
	<u>£1,115</u>		
		0	0

if only by a small amount per annum, and they have no doubt that an addition will be made to the Capital Account this year, in spite of the fact that the £100 from the Social Events Account will be allocated to Revenue. On the other hand it is essential to point out the necessity for increasing the Revenue Account as our demands for help and assistance are bound to continue on the up grade. The best thing that could happen of course would be that every Member of The Institute immediately became a subscribing Member of the Guild of Benevolence”.

Mr. W. D. Heck, commenting on the Report and Accounts, suggested in a scriptural analogy that it was a mistake to run up a tailor's bill for a coat to give to someone without one. If they were to build up the Guild on a strong basis it was very necessary to keep within the Guild's means and to build up the capital. He welcomed the Honorary Treasurer's statement that it was hoped to increase the capital during the coming year, but he was bound to note that there had been a change of policy by devoting the contribution from the Social Events Account to the Revenue Account of the Guild. Last year it was put to Capital Account; this year to Revenue Account. He suggested that it would be in the best interests of the Guild and of those whom the Guild was trying to help if the Committee made a point each year of transferring a definite percentage of the income to Capital Account. He would suggest 10 per cent. The result would be that as the years went on the Guild would be able to do a greater amount of good, whereas the present policy would not result in the progress that was desirable.

Mr. A. H. Ledger said that while he agreed with the policy of building up the Guild's funds if possible, he hoped that such a policy would not mean that recipients of assistance would suffer. They had Members of The Institute of ages ranging from 71 to 85 receiving this assistance, and one Member with whose case he was familiar would be in extremely straitened circumstances if the assistance was reduced. This was a point which must be considered.

Mr. Heck, in reply to Mr. Ledger, called attention to the fact that of the 38 cases mentioned in the report, only three were Members of The Institute and three others were either ex-members or relatives of ex-members. The remaining 32 cases had no connection with The Institute whatsoever.

Mr. A. Robertson (Honorary Treasurer) said that he fully appreciated Mr. Heck's point of view. If the Members of The Institute were associated with the Guild in the numbers which one expected Mr. Heck's suggestion could be carried out without difficulty. As it was, the demands had been so considerable that they had exceeded the maximum revenue at the Guild's disposal. With regard to his remarks that only six of those who had received

help were connected with The Institute, that could not be helped. Benefits were for marine engineers in general; that was the constitution of the Guild. So far as Mr. Heck's comments on the contribution from the Social Events Account were concerned, this had been given for many years to the old Benevolent Fund and to the Guild from its formation. Throughout that period, until last year, these sums had always been devoted to revenue. Last year a change was made and it was transferred to Capital Account, but this year the Council had reverted to their previous policy. As the two social events from which this money was derived regularly showed a profit, he thought the Guild could look forward to receiving it annually and therefore it should be treated as revenue. With the small income available, the Committee could not do other than that which they were doing. In the past four years the capital had been increased, on an average, by £300 per annum.

Mr. Heck, replying to Mr. Robertson, said that if there were so many demands for assistance there would come a time when they would not be able to meet them. He felt that increasing the Capital Account was sound finance. It was done in the case of The Institute, and what held good for The Institute should hold good for the Guild.

Mr. F. W. Youldon, speaking as a Member of the Executive Committee, related the story of the patient who died while the medical students were trying to make up their minds what action to take. The Committee were faced with urgent calls for assistance, and they simply could not withhold this assistance for the purpose of building up the Capital Account. He did not discount the importance of securing the Guild's finances, but this must wait until they had a real opportunity.

Mr. A. H. Mather, proposing the adoption of the Report and Accounts, said that these showed that not only was the work of the Guild good, but it was good work in the way it was done. Apart from the excess of expenditure over income, the Accounts showed a very excellent piece of work. On the outgoing side of the Revenue Account they would note that for an expenditure on relief of £1,060 the expenses were only £55. He knew of no other benevolent organisation of which the management expenses consisted of so small a proportion of the income.

With regard to the investments, he would point out that on a total of £20,171 an income of £744 had been received. That was a yield of nearly 3½ per cent. and indicated that the investments had been dealt with in a very satisfactory manner.

The whole Report and Accounts were very satisfactory, and he had great pleasure in proposing their adoption.

Mr. W. McLaren, seconding the adoption of the Report and Accounts, took the opportunity to

urge all Members of the Guild able to do so, to covenant to continue their subscriptions for seven years, thereby increasing the income of the Guild.

The Chairman then put to the meeting the proposal that the Report and Accounts be adopted, and this was carried unanimously.

Mr. W. D. Heck proposed that Mr. James Carnaghan be elected as Chairman for the ensuing year. He paid tribute to Mr. Carnaghan's character and particularly to that aspect of it, perhaps the most notable, his benevolence. It was with complete confidence that he submitted the name of Mr. James Carnaghan for election as Chairman of the General Committee of the Guild of Benevolence for the ensuing year.

The proposal was carried with enthusiasm and Mr. Carnaghan suitably acknowledged Mr. Heck's encomiums and the confidence of the Members.

On **the Chairman's** proposal Messrs. W. D. Heck and H. J. Vose were unanimously elected as Honorary Auditors, Mr. W. E. Archer as Honorary Solicitor and Dr. W. J. Galt, M.A., M.B., B.Ch. as Honorary Medical Officer for the ensuing year.

Mr. R. Rainie, M.C., in response to the Chairman's request for suggestions, said that the number of Members of The Institute who were Members of the Guild was appallingly low. He had tried with very little success to remedy this situation, but he would suggest that the Committee of the Guild request the present Council of The Institute to give serious consideration to the problem of drawing the attention of Institute Members to the claims of the Guild on their allegiance. This might be done by publishing in the TRANSACTIONS, in striking print, an account of the Guild's work during the past year, giving the figures and particulars of the cases in which assistance had been rendered. This might

cost money, but it was a suggestion which the Committee might submit to the Council for consideration.

Mr. A. H. Ledger said that it was his very pleasurable duty to propose a vote of thanks to the General and Executive Committees and Officers of the Guild. One of the objects of The Institute was to help to educate its younger Members, while that of the Guild was chiefly to help those of the older Members on whom fortune had not smiled. The Committees and Officers, who were carrying out a great work in relieving want and distress, deserved their warmest thanks for the care and attention they devoted to the task of helping those in need, and most sincerely, on behalf of the Members, he moved that these thanks be accorded.

The Chairman, responding on behalf of the Committees and Officers to the vote of thanks which was accorded with acclamation, thanked those present for this mark of their appreciation. The Committees felt that if they had more money they might do more work, but he could assure the meeting that only in those cases which were not cases of distress had assistance been withheld.

He desired to say how much the Committee were indebted to the Secretary (Mr. Curling) for the great amount of work he undertook and for his judgment in bringing cases before the Committee, and to Miss Ormiston, one of his assistants, for the great help she rendered in the Guild's work. Their thanks were due to these two members of the staff, who undertook the work without remuneration. Special thanks were also due to their Honorary Treasurer (Mr. A. Robertson) whose duties were considerable. The Members of the Committees, who did their very best for the Guild, would welcome the appreciation of their work which the meeting had recorded.

LIST OF DONORS TO
THE INSTITUTE OF MARINE ENGINEERS GUILD OF BENEVOLENCE.
(since the publication of the preceding Report).

	£	s.	d.		£	s.	d.
The Institute of Marine Engineers	147	2	6	The Superheater Co.	5	5	0
N. Mumford	2	2	0	Captain and Officers' Fund, m.v. "Brisbane Star"	1	1	0
Anonymous	8	6		G. McIntosh	10	0	
F. J. Harrison	5	5	0	G. W. B. Raimes	5	0	
E. J. Booty	10	6		W. A. Harrington	10	6	
R. B. Wight	10	0		Anonymous	5	0	0
W. A. Christianson	1	1	0	C. Prentice	1	0	0
R. Leslie	1	11	6	W. A. Tait	8	0	
Captain T. Coffyn	5	5	0	J. Bennet	5	0	
A. K. M. Campbell	17	0		J. Young	1	1	0
W. H. Mellor	2	2	0	J. K. Thomas	10	0	
H. McLean	18	6		A. J. Funnell	10	6	
E. F. B. Robinson	10	6		W. Naylor	8	6	
A. H. Mather	10	6		Anonymous	5	0	
G. J. Brown	10	6		T. R. C. Cookson	18	6	

LIST OF MEMBERS AT DATE OF PUBLICATION OF THIS REPORT.

Life Members.

- | | | | |
|---|----------------------------|---|-------------------------|
| Adie, P. I. | Davis, Gordon | Lamb, John | Richmond, J. R., C.B.E. |
| Alexander, Claud | Dougan, A. S. | Marriner, W. W. B.Sc. | Riddell, A. R. |
| Andrews, George | Drossi, H. H. R. | Martin, C. E. | Ritchie, F. G. |
| Arthurson, M. | Easthope, R. J. | Mellor, W. | Russell, John |
| Bailey, W. H. | Evans, Frank S. | Moore, C. K. | Rutherford, H. |
| Beldam, Cyril A. | Everard, A. M. | Moseley, O. H. C. K. | Silley, B. L. |
| Berlie, R. S. | Foley, Sir E. Julian, C.B. | MacKay, A. M. | Silley, G. F. |
| Blair, D. E. | Fraser, Kenneth | McKenzie, John J. | Silley, H. A. J. |
| Blevin, W. N. | Gillies, R. M. | McLaren, John | Smeaton, Robt. |
| Blight, James | Goldup, D. R. | McLaughlin, Wm. | Swancoat, N. H. |
| Bramah, David, C.B.E. | Grant, W. C. | McLellan, T. | Tait, W. H. |
| Bruce, W. J. Willett,
O.B.E., R.D., M.Eng.,
Eng. Capt. R.N.R.(ret.) | Green, R. H. | Nelson, C. B. | Taylor, G. |
| Buckton, W. W. | Greenfield, Eric | Nicol, J. | Thompson, W. B. |
| Cayzer, Sir August B. T.,
Bart. | Gummer, R. H. | Ormiston, George | Thomson, E. A. |
| Christie, J. G. | Hamley, F. J. | Owen, G. H. L. | Turnbull, R. R. |
| Clarke, R. T. | Hardy, J. | Parker, A. H. | Vincent, R. |
| Collins, W. H. | Hoare, H. J. | Peacock, James | Warwick, B., Captain |
| Conoley, C. W. | Holly, R. J. W. | Pickering, G. | Watson, Edgar |
| Corry, R. | Hood, R. | Plows, G. B. | White, W. F. |
| Cram, P. J. | Houlder, M. C. | Porn, M. | Whiteford, A. L. |
| Crichton, A. E. | Hunter, Summers, Jun'r. | Preece, Sir G., Eng. Vice-
Admiral, K.C.B. | Whiteside, A. E. |
| Crompton, T. A. | Johnson, John | | Wight, H. D. |
| Crookston, D. D. | Kennedy, R. S. | | Wilson, P. W. |
| | Kent, S. N. | | Youldon, F. W. |

Subscribing Members.

- | | | | |
|-------------------------|-----------------------------|--|-----------------------|
| Abbott, E. H. | Carnegie, John | Flenk, H. A. | Holyoake, C. J. |
| Adamson, W. W. | Casey, V. H. | Foster, E. C. | Hope, James |
| Aitken-Quack, E. | Chamberlain, F. A. | Frayn, C. C. | Houston, J. |
| Aldcroft, J. A. | Champness, G. T. | Freeman, Geo. R. | Hughes, E. D. |
| Allan, Peter B. | Chandler, W. J. | Freeman, S. B., C.B.E.,
M.Eng. | Humphreys, H. S. |
| Amos, H. A. | Cleveland, E. T. | Gelling, D. W. | Hunstone, T. H. |
| Annal, John | Coates, J. L. | Gibson, A. T. | Hunter, F. A. |
| Austin, G. | Collin, W. H. | Gibson, J. Hamilton,
O.B.E., M.Eng. | Hunter, J. G. |
| Bailey, C. H. | Constant, A. R. | Girdwood, A. | Hurley, F. G. |
| Balbirmie, R. | Cook, Stanley S., F.R.S. | Glass, W. C. S. | Hutchinson, G. H. M. |
| Barker, F. E. | Corns, F. A. | Goddard, J. Alan | Imray, W. N. |
| Barlow, R. C. | Costigan, R. | Godfrey, R. G. | Irving, R. H. |
| Barr, John | Cromby, J. | Goode, C. E. | Irwin, E. B., M.B.E. |
| Baugh, E. F. J. | Curling, B. C. | Gordon-Luhrs, H., Lt.-Col.,
C.M.G. | Isaac, A. B. |
| Beckett, F. O. | Davidson, A. E., Maj.-Gen. | | Isaac, G. J. |
| Bell, Frank P. | Davidson, C. A. | Gorringer, H. M. | Jack, M. M. |
| Bendall, W. J. | Davies, I. | Graham, W. A., Eng.Com.,
O.B.E., R.N.R. | Jackman, A. E. |
| Bennett, T. A., B.Sc. | Davison, B. H. | Grier, R. B. | Jackson, H. W. |
| Bergner, A. E. | Delves, J. V. | Gumbrell, C. J. | Jackson, R. |
| Bernard, H. | Dewar, J. M. | Hall, C. E. | Jacobs, W. F. |
| Bishop, A. C. | Dick, W. H. | Hall, Thomas | James, David A. |
| Bloomfield, W. J. | Dick, W., Major | Hampshire, C. J. | Jefferson, T. |
| Botcherby, W. C. | Dobinson, S. H. | Hanley, James | Jenkins, David |
| Boyes, F. M. | Dorey, S. F., D.Sc., Wh.Ex. | Hannam, J. R. | Jespersen, H. S. |
| Boyle, A. H., D.S.C. | Douglas, J. R. | Harbottle, J. | Job, D. M. |
| Brady, H. W. | Eales, F. R. | Hardcastle, C. | Jobling, A., F.R.A.S. |
| Braidwood, T. | Earl, Leonard | Hardcastle, F. E. | Johnson, A. G. |
| Brookes, F. G. | Edmiston, J. G. | Harris, D. J. | Johnston, R. |
| Brown, E. | Elliott, A. E. | Harvey, J. B. | Johnstone, W. E. |
| Brown, James, C.B.E. | Ellison, E. | Harvey, R. | Jones, E. H. |
| Brown, W. F. | Ellwood, W. J. | Heck, W. D., B.Sc. | Jones, F. M., B.Sc. |
| Brown, W. G. | Endert, D. C. | Hedley, C. J. | Jones, H. G. |
| Buchanan, Thos. | English, R. H. | Henriques, W. Q. | Jones, W. C. |
| Buckley, J. | Evans, Dewi G. | Hilton, G. M. B. | Keen, H. F. |
| Bucknell, E. G. | Ewing, Peter | Hirschfeld, S. B. | Kennedy, A. C. |
| Buckwell, G. W. | Fathers, J. B. | Hogg, R. S. | Kennedy, Robt. E. |
| Burgess, A. D. | Ferdinands, C. W. V. | Holmes, R. A. | Kennedy, R. L. |
| Button, W. A. | Ferguson, G. J. | Holt, Chas., D.S.C. | Kent, L. G. |
| Campbell, H. V. | Fleming, S. W. C. | | Kerr, W. |
| Carnaghan, Jas. | | | |
| Carnaghan, J. T., B.Sc. | | | |

Kidby, E. W. B., Major, O.B.E., R.E.	MacLeod, Alex.	Rourke, W.	Tookey, A.
Kimber, H.	Macniven, H.	Roxburgh, W. L.	Traill, A. P., Wh.Sc.
Kingdom, R.	McAlpine, A.	Russell, Henry	Tweedy, W. N.
Kirkbright, G. E.	McAuslan, W., I.S.O.	Rutter, J. E.	
Kluge, Thos. E.	McIntyre, J., Ph.D., D.Sc.	Ryland, E. T.	Unthank, G. R.
	McIver, J. P.		
Lawrence, H. P.	McKenzie, W. C.	Saunders, K. A.	Varian, A. H.
Lawrenson, R. S.	McLaren, W.	Scanes, J. J.	Vose, Henry J.
Ledger, A. H.	McNiven, J. L.	Sclater, J. B.	Vose, W. A.
Lees, J. W.		Scobie, J. K.	
LeMesurier, L. J.	Naylor, A. E.	Scott, A.	Waddle, W.
Lewis, C. V.	Newrick, F. A.	Scott, George	Walker, A. J.
Lockhart, N. C.	Nicholls, C. E.	Scott, H. B.	Walker, C. A.
Logan, A.	Nicholson, H. J., Eng.	Scott, H.	Walker, H. D.
Low, D. W.	Lt. Com., R.N. (ret.)	Scott-Hill, W., Eng.	Wallis, R. Pendennis, M.Sc.
Lowery, C. G.	Nicholson, W.	Rear-Admiral	Walsh, F. C.
Lowrie, J. C.	Nickels, S. S.	Scullard, G. T. B.	Warwick, F.
Ludlam, F. W., B.Sc.		Seaton, W. T.	Watson, A. G. S.
	O'Riordan, G. F., B.Sc.	Shaw, David	Watson, G. Ridley, B.Sc.
		Sidgwick, R. D.	Watson, James
Main, James	Palmer, J. E.	Sinclair, F. T.	Watt, Alex.
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PARTICULARS OF
CASES ASSISTED BY THE INSTITUTE OF MARINE ENGINEERS
GUILD OF BENEVOLENCE.

from the 1st January to the 31st December, 1938.

Case No.	Age.	Qualifications.	Particulars.	Amount of Relief Granted.
1	85	Member of The Institute.	Married: has Old Age Pension.	£53 0s. 0d.
3	71	Member of The Institute.	Married: has invalid wife and one daughter dependent; has Old Age Pension.	£87 15s. 0d.
5	78	Member of The Institute.	Widower; has small pension of £31 per annum; is in ill-health.	£40 5s. 0d.
6 & 7	55 & 57	Daughters of marine engineer who possessed B.o.T. Certificate.	Have joint income of 17s. 6d. per week; both unmarried.	£80 10s. 0d.
8	58	Widow of marine engineer who possessed a B.o.T. Certificate.	Has one daughter in sanatorium and son and daughter employed away from home.	£53 10s. 0d.
19	82	Widow of marine engineer who possessed a B.o.T. Certificate.	No dependants; has Old Age Pension.	£40 5s. 0d.

<i>Case No.</i>	<i>Age.</i>	<i>Qualifications.</i>	<i>Particulars.</i>	<i>Amount of Relief Granted.</i>
20	73	Possesses B.o.T. Certificate.	Married; has income of 30s. per month and Old Age Pension.	£33 12s. 6d.
26	66	Widow of marine engineer who possessed a B.o.T. Certificate.	Has income of 50s. per week from a son and three daughters who are kept out of this amount.	£27 0s. 0d.
27	71	Possesses B.o.T. Certificate.	Married; has income of 23s. per week.	£19 1s. 0d.
28	80	Possesses B.o.T. Certificate.	Has Old Age Pension; no dependants.	£40 5s. 0d.
29	72	Possessed B.o.T. Certificate.	Now deceased; widow still receiving assistance.	£32 0s. 0d.
33	94	Possessed B.o.T. Certificate.	Now deceased.	£12 10s. 0d.
34	69	Possesses B.o.T. Certificate.	Unmarried; has no dependants; has income of £20 per annum.	£40 5s. 0d.
41	66	Daughter of marine engineer who possessed a B.o.T. Certificate.	Has sister wholly dependent; both unmarried; was employed as dressmaker, now retired.	£33 10s. 0d.
44	68	Possesses B.o.T. Certificate.	Married; has income of 25s. per week; attending hospital for treatment.	£13 15s. 0d.
47	58	Widow of marine engineer who possessed a B.o.T. Certificate.	Has income of 6s. per week; has son and daughter training for male nurse and domestic science respectively.	£20 7s. 6d.
48	42	Widow of marine engineer who possessed B.o.T. Certificate.	Has one son, aged 5; has widow's pension for self and child.	£40 5s. 0d.
51	59	Widow of former member of The Institute.	At present using small capital for maintenance; has one grandchild dependent; ineligible for widows' pension.	£27 10s. 0d.
53	68	Possesses B.o.T. Certificate.	Married; has Old Age Pension and 6s. National Health Insurance.	£9 10s. 0d.
55	69	Possessed B.o.T. Certificate.	Now deceased.	£10 0s. 0d.
58	61	Widow of marine engineer who possessed a B.o.T. Certificate.	Has intermittent employment as stewardess.	£7 2s. 6d.
59	72	Possessed B.o.T. Certificate.	Now deceased; widow still receiving assistance.	£13 15s. 0d.
60	63	Former member of The Institute.	Has income of 15s. per week; no dependants.	£27 0s. 0d.
65	69	Possesses B.o.T. Certificate.	Married; wife invalid; has income of 10s. per week.	£46 17s. 6d.
67	70	Possesses B.o.T. Certificate.	Has semi-invalid wife dependent; income of 20s. per week.	£27 0s. 0d.
68	49	Widow of marine engineer who possessed a B.o.T. Certificate.	Has two children dependent; grant to assist elder son with college fees.	£20 15s. 0d.
69	49	Widow of marine engineer who possessed a B.o.T. Certificate.	Has father dependent; assists son who is in a junior grade of the Civil Service in London.	£40 5s. 0d.
71	46	Possesses B.o.T. Certificate.	Now employed.	£2 0s. 0d.
72	59	Widow of marine engineer who possessed a B.o.T. Certificate.	Has widow's pension; and income of £6 5s. per quarter from another fund.	£33 2s. 6d.
73	35	Widow of marine engineer who possessed a B.o.T. Certificate.	Has one child (aged 6) dependent; at present unemployed.	£10 0s. 0d.
74	58	Widow of marine engineer who possessed a B.o.T. Certificate.	Has no dependants; does occasional housework when health permits.	£33 10s. 0d.
76	59	Widow of marine engineer who possessed a B.o.T. Certificate.	Now employed.	£4 0s. 0d.
77	47	Widow of marine engineer who possessed a B.o.T. Certificate.	Has one daughter dependent.	£32 0s. 0d.
79	73	Widow of marine engineer who possessed a B.o.T. Certificate.	Has no dependants; widow's pension.	£20 10s. 0d.
80	59	Sister of a deceased member of The Institute.	Has a blind brother who has income of 30s. per week.	£16 0s. 0d.
85	65	Widow of marine engineer who possessed a B.o.T. Certificate.	Has no dependants; has income of 27s. 6d. per week.	£6 10s. 0d.
90	33	Possesses B.o.T. Certificate.	Has wife and child dependent; grant allowed to assist with cost of artificial foot.	£5 10s. 0d.
Total				£1,060 13s. 6d.

The
INSTITUTE of MARINE ENGINEERS

Founded 1889

Incorporated by Royal Charter, 1933.



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3730	Blight, James H.	28, Mornington Avenue, Ilford, Essex.
8416	Blofeld, Thomas Guest	Govt. Mines Dept., Tarkwa, Gold Coast Colony.
5948	Bloomfield, Wm. Joe	Supt. Engineer, Curacaosche Scheepvaart, Maatschappij, Curacao, D.W.I.
7615	Bloxsome, Oswald Thor	c/o Municipal Council, Busselton, Western Australia.
6056	Blue, Wm. B. T.	72, Shakespeare Crescent, Manor Park, E.12.
6348	Boaler, Percy J.	c/o Allen Wack & Shepherd, Beira, Portuguese East Africa.
5130	Boardman, James Henry	44, Ethelbert Gardens, Ilford, Essex.
8357	Boase, Eric James John	61, Raglan Court, Wembley, Middlesex.
5664	Bollons, Thomas T.	Firestone Plantations, Monrovia, Liberia, W. Africa.
4472	Bond, Robert J.	80, Ward Avenue, Grays, Essex.
8287	Booth, Alexander Anderson	c/o Khedivial Mail Line, Alexandria, Egypt.
8835	Booth, Wm. Henry	4, Oxenpark Avenue, Preston Park, Wembley.
8572	Boothroyde, Frank	The Aberdeen Steam Trawling and Fishing Co., Ltd., 208, Market Street, Aberdeen.
7685	†Border, Alfred Ernest	
3622	Border, Samuel (Vice-President)	1, Oakwood Street, Sunderland.
6416	Boreham, Rowland Marshall	Hull Corporation Water Works, Dunswell, Hull.
7719	Bormond, Robert W.	Resident Engineer, Sarawak Electricity Supply Co., Sibul, Sarawak.
6311	Borrowman, Wm. James	c/o Messrs. Sulzer Bros., Ltd., Winterthur, Switzerland.
7750	Botcherby, William Clifton	Supt. Engineer, Anglo-Saxon Petroleum Co., Ltd., Shell House, Hong Kong.
5867	Bourhill, Alex. G.	St. James Power Station, Singapore, S.S.
7917	Boutflower, Herbert Leopold	48, Whitecotes Lane, Chesterfield, Derbyshire.
6271	Bowden, Andrew Thomson	c/o Agent General for Western Australia, Savoy House, Strand, W.C.2.
3275	Bowden, Stanley H.	Shell Co. of Turkey, Ltd., Voyvoda Street, Galata, P.O. Box Galata, 1152, Istanbul.
7464	Bower, Frank	Railway Tavern, Shottermill, nr. Haslemere, Surrey.
6871	Bowie, Stanley, B.Sc.	30, Otley Road, Harrogate, Yorks.
5328	†Bowman, George R.	
6214	Bowman, John S.	Société Anonyme du Béhéra, P.O. Box 20, Alexandria, Egypt.
8384	Boyce, Hugh MacAskill	"Dunvegan", Westmoreland Grove, Norton-on-Tees, Co. Durham.
3723	Boyd, Arthur J.	c/o General Motors Holden's Ltd., G.P.O. Box 1714, Melbourne, Australia.
6208	Boyd, Charles	262, Croydon Road, Newcastle-on-Tyne.
5358	Boyes, Fredk. M.	18, Wordsworth Avenue, South Woodford, E.18.
7662	Boyes, Leonard Ernest	"Benares", Thorpe Road, Kirby Cross, Frinton-on-Sea, Essex.
4973	Boyes, Richard	Harewood, Van der Byl Avenue, Spital, Cheshire.
8629	Boyes, Richard, Jnr.	12, Chester Road North, Sutton Coldfield, nr. Birmingham.
5115	Boyes, William J.	25, Byron Avenue, South Woodford, E.18.
2365	Boyle, A. H., D.S.C. (Vice-President)	Lloyd's Register of Shipping, Thomson Watson's Building, 4, Adderley Street, Cape Town, S. Africa.
8055	Boyle, James	c/o Dairy Farmers Co-operative Milk Co., Ltd., Newcastle, New South Wales.
2306	Boyle, I. D.	7, Margaret Street, Greenock.
7913	Bradley, Thomas Reginald	2, Honey's Green Close, Honey's Green Lane, Liverpool, 4.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
6272	Bradshaw, Alfred	"Karoo", The Northern Road, Great Crosby, Liverpool.
6519	Bradshaw, James Kendrick	Alt-Dinas, 48, Western Road, Wylde Green, Birmingham.
8454	Brady, Hugh Woodhams	c/o The Institute.
6444	Braidwood, Thomas	8, College Road N., Blundellsands, Liverpool.
3683	Bramah, David, C.B.E.	78, Ashgrove Road, Goodmayes, Essex.
1849	Brand, J. C. Engr. Capt., C.B.E., R.A.N.	28, Carlton Road, Putney, S.W.15.
4362	Brandie, James	11, Rosehill Avenue, Hilton, Aberdeen.
2475	Bray, C. M. Engr. Lieut. R.N., ret.	8, Priory Avenue, Hastings.
2627	Brayfield, T. H. G.	c/o Carmichael & Clarke, Bank of East Asia Building, Hong Kong.
4741	Bressey, Sidney F.	"Weylands", Pishobury Drive, Sawbridgeworth, Herts.
446	Brett, W. J. N.	78, Seymer Road, Romford, Essex.
2793	Brettell, W. G.	56, Colonial House, Water Street, Liverpool.
7399	Brew, John Wakefield	3, The Summit, Wallasey, Cheshire.
5313	Brewster, Joseph G.	2, Westfield Hall, Hagley Road, Edgbaston, Birmingham.
7488	Bridges, Robert Henry	12, Peartree Court, Welwyn Garden City, Herts.
8611	Brighouse, John	27, Heath Drive, Upton, Birkenhead.
8543	Broadbridge, George Alan	39, Byron Mansions, Corbets Tey Road, Upminster.
5203	Bromley, Arthur A.	64, Manor Farm Road, Bitterne Park, Southampton.
3521	†Bronsdon, H. J.	
7243	Brooke, John Mawdsley	"Tettenhall," Oulton Broad, Lowestoft, Suffolk.
7050	Brooke, Noel Claude Dalby	Westwater, Walton-on-the-Naze, Essex.
4039	Brookes, Francis Geo.	"Sunnycroft", Rhyd-y-penau Road, Llanishen, Cardiff.
6913	Brooks, Edward Harry	Leith Nautical College, Leith, Edinburgh.
2910	Brooks, John Joseph	Shanghai Power Co., P.O. Box 404, Shanghai, China.
7836	Brooks, William Alfred	c/o Butterfield & Swire, Hong Kong.
5623	Brophy, Henry W.	"Rosemary", Upper Darlington Gardens, Southampton.
8886	Brotherton, Frank	22, Fairmead Avenue, Westcliff-on-Sea.
6705	Brown, Alexander	Inspector of Machinery's Office, Fullerton Building, Singapore, S.S.
7958	Brown, Andrew James	Chief Engineer, s.s. <i>Lafonia</i> , c/o The Falkland Islands Co., Ltd., Port Stanley, Falkland Islands.
4705	‡Brown, Andrew J.	"Clifton", Westwood Avenue, Giffnock, Glasgow.
5400	Brown, Arthur B.	11, Craigton Terrace, Mannofield, Aberdeen.
8358	Brown, David Somers	Redcroft, Rectory Road, Gosforth, Newcastle-on-Tyne, 3.
7542	Brown, Edmund	The Nook, Bar Terrace, Falmouth, Cornwall.
5373	Brown, Fredk. T.	20, Victoria Road, Deal, Kent.
8649	Brown, Gavin Jarvie	152, Cathedral Street, Glasgow.
6706	Brown, George	Lucknow, West Way, Rickmansworth, Herts.
7558	Brown, George Millar Baikie	c/o Mrs. Scott 115, Ledard Road, Langside, Glasgow, S.2.
6366	Brown, George W.	43, Otto Terrace. Sunderland.
4839	Brown, Godfrey	22, Byron Avenue, Coulsdon, Surrey.
5812	Brown, Sir Harold A., G.B.E., K.C.B. Engr. Vice-Admiral	Director-General of Munitions Productions, War Office, Whitehall, S.W.1.
2067	Brown, Herbert	4, Park Grove, Cardiff.
4300	Brown, Herbert H.	Marine Dept., P.W.D., Johore Bahru, Malay States.
2010	Brown, J., C.B.E. (Vice-President)	Messrs. Scott's Shipbuilding and Engineering Co., Ltd., Greenock.
6982	Brown, James Gibb	634, Anlaby High Road, Hull.
7710	Brown, John James	Messrs. Turner Morrison & Co., Ltd., A.S.N.Co., 6, Lyons Range, Calcutta.
4031	Brown, John Knox, B.Sc.	2nd Engr. Officer, I.M.M.S. <i>Dufferin</i> , Mazagon Pier, Bombay, 10.

† Address wanted.

‡ Denny Gold Medallist, 1921.

MEMBERS.

NO.	NAME.	ADDRESS.
7277	Brown, Joseph Hedley	72, Northumberland Terrace, Willington Quay-on-Tyne.
2044	Brown, J. M.	64, Sunnymede Drive, Great Gearies, Ilford, Essex.
2236	§Brown, P. T., M.C.,	c/o Lloyd's Register of Shipping, 71, Fenchurch Street, E.C.3.
5459	Brown, Robert F.	5, Queensgate Street, Hull.
8099	Brown, Robert Samuel	5, Ormerod Road, Stoke Bishop, Bristol.
5230	Brown, Sydney W.	9, Elmroyd Avenue, Potters Bar, Middlesex.
6675	Brown, Thomas	"St. Mungo", Shepherd Road, Artarmon, Sydney, N.S.W.
8010	Brown, Wilfred	31, Rosedale Terrace, Fulwell, Sunderland-on-Wear, Durham.
7455	Brown, William	"Annie Villa", Bank Street, Irvine, Ayrshire.
5956	Brown, Wm. Fearon, Wh.Ex. (Member of Council)	The Clan Line Steamers, Ltd., 133, Finnieston Street, Glasgow, C.3.
4286	Brown, Wm. Graham	c/o A. & J. Thomson, Wood Street, E.16.
8911	Brown, Wm. James	c/o MacGregor, 72, Randolph Road, Glasgow, W.1.
4994	Browne, Charles Harold	"The Brow", Dean Road, Handforth, Cheshire.
8743	Browne, Ian.	250, Chatsworth Avenue, Cosham, Portsmouth.
6359	Brownless, George	88, Cockshut Hill, Sheldon, Birmingham, 26.
6929	Brownsea, Wm. Ernest	51, Charlton Road, Southampton.
8589	Bruce, Alexander Reid	Kamunting, Perak, F.M.S.
5678	Bruce, Charles M.	"Rosebank", Hexagon, Fraserburgh, Scotland.
8573	Bruce, David	50, Burlington Avenue, Kelvinside, Glasgow, W.2.
8341	Bruce, George	"Ravenworth", Suffolk Road, North Harrow, Middlesex.
6263	Bruce, James Wm.	437, Church Road, Lime Tree Hill Estate, Northolt, Middlesex.
7463	Bruce, John	China Navigation Co., c/o Butterfield & Swire, Hong Kong, China.
8544	Bruce, William Edward	8, Derwent Drive, Wallasey, Cheshire.
2354	*Bruce, W. J. Willett O.B.E., R.D., M.Eng., Eng. Capt., R.N.R., ret. (Hon. Vice-President)	"Sandfield", Wofull Lane, Little Neston, Wirral, Cheshire.
2696	Brundrit, Jos.	6, Oriel Chambers, Water Street, Liverpool.
7387	Bryant, Harold Christopher Thomas	"The Lindens", Manor Drive, Surbiton, Surrey.
5966	†Bryant, Oswald H. M.	
5840	Brydon, James (Vice-President)	Steamship Inspector's Office, New Post Office Building, Vancouver, B.C.
8156	Buchan, Alfred Joseph	Purification Works, Worcester Park, Surrey.
7490	Buchan, John James Carruth	114, Park Drive, Upminster, Essex.
4243	Buchanan, Hector D. (Vice-President)	c/o Lloyd's Register of Shipping, 50, Yamashita-Cho, Naka-Ku, (P.O. Box No. 48), Yokohama.
6977	Buchanan, John Engr. Lt.-Com'r., D.S.M., R.N., ret.	Superintendent Engineer, Tower Bridge, S.E.1.
7381	Buchanan, John Duncan	"Lyndale", Romilly Park, Barry, Glam.
2302	Buchanan, J. Miller	46, Gordon Road, Ealing, W.5.
3336	Buchanan, Thos.	136, Wellington Street, Glasgow, C.2.
7090	Büchi, Alfred J.	Salstrasse 20, Winterthur, Switzerland.
4556	Buck, Alfred E. Engr. Lt.-Com'r., R.N., ret.	"St. Margarets", Lower Bedfords Road, Romford, Essex.
8521	Buckle, Frank	c/o Education Dept., Hong Kong.
6837	Buckley, Cornelius Francis	162, Tower Road, Sliema, Malta.
6138	Buckton, Wm. Woodyer	131, Victoria Street, Westminster, S.W.1.
7895	Buckwell, Edgar George	93, Priory Avenue, Hastings, Sussex.
224	Buckwell, G. W.	93, Priory Avenue, Hastings, Sussex.
7775	Buckwell, Victor William	306, High Street, Sheerness-on-Sea.
4526	Bugg, Harold W.	11, Rue de Gènes, Antwerp.
6090	Bull, John Wilfred	Board of Trade Surveyors' Office, Victoria Chambers, Trinity House Yard, Hull.

† Address wanted.

* Life Member.

§ Denny Gold Medallist, 1924.

MEMBERS.

NO.	NAME.	ADDRESS.
3228	Bullen, Thos. H.	57, Tydraw Road, Cardiff.
8912	Bunday, Alfred Ralph	14, Sherborne Road, Highfield, Southampton.
8792	Bunting, Leslie David	205, Badminton Road, Downend, Bristol.
3304	Burdis, Addison S., Lieut., R.E.	50, Brookdale Road, Sefton Park, Liverpool.
6672	Burdon, John	9, Alston Crescent, Fulwell, Sunderland.
6322	Burgess, Frank C.	7, Waverley Street, Bainsford, Falkirk, Stirlingshire.
6887	Burgess, Tom	92, Mount Road S., Sunderland.
7352	Burmingham, George Woods	c/o Sudan Salt, Ltd., P.O. Box 147, Port Sudan.
5853	Burn, Alfred Geo.	39, Ellalong Road, Cremorne, Sydney, N.S.W.
7022	Burn, John Edward Francis	51, Pavilion Road, Worthing, Sussex.
6188	Burn, Lewis	Messrs. Fluid Transfer, Ltd., 121, Victoria Street, London, S.W.1.
7192	‡Burn, Walter Scott, M.Sc.	5, Buckingham Place, London, S.W.1.
6200	§Burnham, Thomas Hall, B.Sc.	64, Water Lane, S.W.2.
6355	Burns, Wm. Edward	10, Union Street, Ulverston, Lancs.
8590	Burnside, James Munro	10, Lapstone Gardens, Kenton, Harrow.
4267	Burrage, Edmund Ernest	"Havenlea", 32, Clandon Close, Ewell, Surrey.
7616	Burrell, Albert	102, Tantallon Road, Glasgow, S.1.
8056	Burrell, William B.	57, Box Hill, Khandallah, Wellington, N.5, N.Z.
7609	Burrow, Norris	11, Park Row, Leeds, 1.
8626	Burrows, Albert	"Westoe", Allport Road, Bromborough, Cheshire.
5297	Bussell, Edward N.	27, Vernon Road, Seven Kings, Essex.
3586	Butcher, Alex. C.	Marine Branch Dept. of Commerce, Customs House, Sydney, N.S.W.
5781	Butcher, Alfred C.	32, Rosemont Avenue, North Finchley, N.12.
6761	Butcher, Wm. George Cranston	c/o A.U.S.N. Co., Ltd., Day Street, Sydney, N.S.W.
6954	Butler, Edward Frederick	865, Anlaby Road, Hull.
2853	Butson, Cecil W.	San-Yi, Boulevard de l'ara, Vence, Alpes-Maritimes, France.
6010	Butterworth, Frederick R.	1, Rhos Road, Penyffordd, near Chester.
7751	Button, William Albert	Chief Engineer, R.M.S. <i>Karanja</i> , c/o Mackinnon, Mackenzie & Co., B.I.S.N. Co. Agents, P.O. Box No. 122, Bombay, India.
4804	Buxton, Joseph	"Maranatha", 18, Ailsa Street, Prestwick.
6447	Buyers, James	The Bank Line, Ltd., 21, Bury Street, E.C.3.
4303	Cable, Roy	c/o Messrs. William Cable & Co., Ltd., Engineering Works, Wellington, New Zealand.
5754	Caillard, Jean G.	25, rue St. Rock, Le Havre, France.
6118	Calder, Wm. Murray Lieut.-Com'r. (E.), M.B.E., R.N., ret.	22, Watling Street, Gillingham, Kent.
6004	Calderwood, James, M.Sc. (Member of Council)	c/o Messrs. Sulzer Bros. Ltd., 31, Bedford Square, London, W.C.1.
8836	Calderwood, Wm. Linton	15, Belgrave Road, Wanstead, London, E.
5610	Caldwell, Allan	11, Billiter Square, E.C.3.
7484	Calleja, Richard	14, Sda. Stretta (Flat 20), Malta.
7788	†Callen, Richard	
8455	Callinicos, George P.	46, Creswick Road, Acton, W.3.
6414	Calver, Albert E.	Engineers' Dept., c/o R.M.S.P. Co., Ltd., Royal Mail House, Leadenhall Street, E.C.3.
8780	Cambourn, Thos. Albert	90, Boundary Road, Carlisle, Cumberland.
3481	Cameron, Alexr.	30, Glenlyon Road, Eltham, S.E.9.
6539	Cameron, Archibald	c/o 149, Athelston Road, Bitterne Park, Southampton.
4085	Cameron, A. J.	7, Hatherley Gardens, East Ham, E.6.
2815	Cameron, Jas. D.	c/o Orient S.N. Co., Ltd., 3, Fenchurch Avenue, London, E.C.3.
5184	Cameron, James H.	"Noremac", Glasgow Road, Dumbarton, Scotland.
4336	Cameron, I. Watt	20, Cumin Place, Edinburgh.

† Address wanted.

‡ Denny Gold Medallist, 1933.

§ Denny Gold Medallist, 1934.

MEMBERS.

NO.	NAME.	ADDRESS.
7253	Cameron, Peter	China Navigation Co., Ltd., c/o Butterfield & Swire, Hong Kong.
3486	Cameron, R. V.	c/o Butterfield & Swire, Hong Kong.
3068	Campbell, Alexr.	Frigorifico Anglo Del Uruguay, Fray Bentos, Uruguay.
6631	Campbell, Allan Kenneth McLeod	c/o Khedivial Mail & Graving Dock S.S. Co., Alexandria, Egypt.
2195	Campbell, Angus	96, Beechwood Drive, Glasgow, W.1.
2839	Campbell, D.	Shanghai Engineers' Club, Shanghai.
6049	Campbell, George	c/o Anglo-American Oil Co., Ltd., Engineering Dept., B. Section, 18/20, Regent Street, London, S.W.1.
6225	Campbell, George McConnochie	"Kingsmead", Grange Lane, Bromham, Bedfordshire.
8186	Campbell, Howard Vincent	Lloyd's Register of Shipping, Piazza Cavour 35, Genoa (111), Italy.
3488	Campbell, John F.	Lloyd's Register of Shipping, Royal Bank Buildings, 28, Constitution Street, Leith, Edinburgh, 6.
4805	Campbell, John P.	c/o R. & H. Green & Silley Weir, Ltd., Blackwall, E.16.
6960	Campbell, Percy	123, Hill Lane, Southampton.
8138	Campbell, Richard Henry	30, Sidney Road, Bootle, Liverpool, 20.
7032	Campbell, Robert Houston	56, Bayview Avenue, Port Washington, L.I., New York, U.S.A.
8400	Campbell, Robert Lindsay	67, Ayr Road, Prestwick, Ayrshire.
8440	Campbell, Robert Turnbull	11, Albany Court, Richmond Road, Kingston, Surrey.
3277	Campbell, R. S.	291, Heaton Road, Newcastle-on-Tyne.
7314	Campbell, William	66, Provincial Road, Lindfield, N.S.W., Australia.
8630	Campbell, William M.	R.E.T. & S. Co., Ltd., Ahlone, Rangoon, Burma.
7891	†Campkin, William Ellrington	
5283	Canning, Kenneth Chevalier	6, Grassington Road, Sidcup.
7789	Card, Patrick Charles, Engr. Lieut., R.I.N.	c/o Navy Office, Bombay.
4548	Cargill, Fredk. J.	Sheffield House, High Street, Prestatyn, Flintshire.
4377	Cargin, Matthew	69, Lamb Street, Walker, Newcastle-on-Tyne.
3101	Carnaghan, James (Vice-President)	"Oulton", 224, Creighton Avenue, East Finchley, N.2.
7426	Carnegie, John	"Knutsford", Fronks Road, Dovercourt Bay, Essex.
7953	Carnes, Charles Hector	M.v. <i>Rosewood</i> , c/o Messrs. John Jacobs, 15, St. Helens Place, E.C.3.
5906	Carpenter, R. P.	24, Limedale Road, Mossley Hill, Liverpool, 18.
6682	Carr, William	14, Fleet Road, Hampstead, N.W.3.
7811	Carrol, John George Fothergill	135, Stayton Road, Sutton, Surrey.
6938	Carswell, David B. (Vice-President)	710 Roslyn Avenue, Westmount, Quebec, Canada.
4858	Carter, Alfred	15, Harrington Street, Liverpool.
8281	Cartwright, Alfred	19, Greendale Road, Nottingham.
5415	Cartwright, Edward Lill	Lloyd's Register of Shipping, 4, Bridge Street (Box 333F, G.P.O.), Sydney, N.S.W.
4615	Carwood, V. T. L.	147, Hollydale Road, Peckham, S.E.15.
2060	Casebourne, S. D.	c/o Collard, Casebourne & Turner, 57, Drury Buildings, 21, Water Street, Liverpool.
8574	Cass, Frank Wallace	107, Boyne Road, Lewisham, S.E.13.
7058	Castenelli, Robert	Harvey Electric Supply, Harvey, West Australia.
5548	Caswell, Harold S.	Ashburton Hotel, The Terrace, Richmond, Surrey.
8699	Cattanach, James	61, Cauldwell Lane, Monkseaton.
5438	Catto, Robert James	185, Rosemount Place, Aberdeen.
7790	Caulfield, Albert Victor	18, Mountcastle Drive South, Portobello, Midlothian.
8855	Chalmers, George	256, 10th Street, North Vancouver, B.C.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
4027	Chaloner, John L.	32, Gainsborough Gardens, N.W.11.
8343	Chamberlain, Frederick Alexander	20, Ellington Road, Ramsgate, Kent.
6303	Chamberlin, Joseph Edwin	116, Belvedere Road, Bexley Heath, Kent.
7217	Champness, Gerald Thurlow	c/o Lloyd's Register of Shipping, via Mazzini No. 9, Casella Postale No. 2, Trieste (III), Italy.
4494	Chanter, R. H.	"Torquay", 32, Fladgate Road, Leytonstone, E.11.
8680	Chapman, Colin Paterson	91, Burghead Drive, Glasgow, S.W.1.
6900	Chapman, Frederick Gordon	2, Hereford House, Eastern Avenue, Harold Wood, Essex.
8223	Chappel, George Reader	Lloyd's Register of Shipping, Union Bank Chambers, 230, Chapel Street, Salford, 3, Manchester.
6460	Chappell, James Harold George	68, Nithdale Road, Plumstead, S.E.18.
5741	Charles, Rowland	Ranpura, Pelham Avenue, Scarthoe, Grimsby.
6147	Charlton, John G.	Board of Trade Surveyors' Office, Posterngate, Hull, Yorks.
2247	Charnock, J. E.	Layton Cottage, Worplesdon, Surrey.
7959	Chenery, Frederick John	c/o I.P.C., Box 309, Haifa, Palestine.
8471	Chisholm, Norman D.	48, Park Way, Hoyle, Cheshire.
6639	Chorlton, Alan Ernest Leofric, M.P., C.B.E.	55, Lower Belgrave Street, Eaton Square, S.W.1.
6318	Chounding, Edward Leslie	52, Milroy Avenue, Kensington, Sydney, N.S.W.
8198	Christian, Alexander Arthur	The Nook, Four Marks, Alton, Hants.
7584	Christian, Charles Harold	63, Ferry Road, Eastham, Wirral, Cheshire.
5910	Christianson, Wm. Alexander	70A, Carlton Hill, St. John's Wood, N.W.8.
5965	Christie, John G.	Marine Staff, Anglo-Saxon Petroleum Co., Ltd., St. Helen's Court, Leadenhall Street, E.C.3.
7814	Church, John Edward	43, Cae-Gwyn Road, Whitchurch, Cardiff, S. Wales.
8777	Claeijs, Eduard August	Kroonstreet, 34, Antwerp, Belgium.
8120	Claireaux, John Thomas	2, Boswall Square, Wardie, Edinburgh.
6891	Clark, Adam Watson	c/o Messrs. Babcock & Wilcox, Ltd., Marine Dept., Babcock House, Farringdon Street, E.C.4.
8359	Clark, Ewbank, M.B.E.	31, St. Albans Crescent, Woodford Green, Essex.
7208	Clark, George Compton	40, Grosvenor Road, Stockton-on-Tees.
7025	Clark, Gilbert McKinnon	S.s. <i>Bulan</i> , c/o P. & O. S. N. Co., Ltd., Penang, Malaya.
1672‡*	Clark, J.	Tigh Dearg, Kilcreggan, Dumbartonshire.
2690	Clark, John	35, Thompson Road, Napier, New Zealand.
7388	Clark, John	Board of Trade Surveyors' Office, Telephone House Carloli Square, Newcastle-on-Tyne.
5167	Clark, John Ernest	45a, Manor Park, Lewisham, S.E.13.
6901	Clark, Thomas	East Bank Lodge, Langbank, Port Glasgow.
7357	Clarke, Fergus Fitzherbert	Indo-China Steam Navigation Co., Shanghai.
1857	Clarke, R. T.	85, Pashlev Road, Eastbourne.
7577	Clarke, William Arthur	16, Grosvenor Road, Highfield, Southampton.
7320 †	Clarkson, Edward	
8385	Clarkson, Harold	24, Love Lane, Whitby, Yorkshire.
7540	Clay, Tom	"Sundridge", Riddings Drive, Hartford, Cheshire.
6224	Clayton, Harold R.	71, Fenchurch Street, London, E.C.3.
2276	Cleator, Chas. K.	Glenbeigh, 51, Victoria Avenue, Surbiton, Surrey.
4984	Clench, Edward Claude Shakespeare	c/o Westminster Bank, Ltd., Wembley, Middlesex.
3920	Cleveland, Edwin George	49, Seaforth Gardens, Stoneleigh, Surrey.

† Address wanted.

* Life Member.

‡ Denny Gold Medallist, 1910.

MEMBERS.

NO.	NAME.	ADDRESS.
8007	Cloudsdale, Cecil Ernest, B.Sc.	74, Hurstwood Road, Sunderland, Co. Durham.
8112	Clough, Edmund	10, Halton Bank, Pendleton, Salford, 6, Lancs.
2976	Coates, Edward	23, Birchwood Place, Logie, Dundee, Scotland.
6581	Coates, James Linsdal	69, Ross Road, Wallington, Surrey.
8882	Coates, Wilfrid	"Craig-Lea", Timothy Lane, Batley, Yorks.
8744	Coates, Wm. Geo. Russell	Government Marine Surveyors Office, Connaught Road, Hong Kong.
5630	Cobb, William A.	65, Warnham Court Road, Carshalton Beeches, Surrey.
5554	Cobb, William S.	5, Lynford Gardens, Seven Kings, Essex.
4012	Cochrane, David	Cadzow Oak, Yoker, Scotland.
8057	Cochrane, David	6, Inchinnan Road, Renfrew, Scotland.
8522	Cockburn, Robert Henderson	100, Newlands Avenue, Shirley, Southampton.
6800	Cocks, Sidney John	2860, Bellevue Avenue, West Vancouver, B.C.
6674	Coe, Alfred	Lloyd's Register of Shipping, Piazza Cavour, 35, Genoa, Italy.
8288	Coe, Noel William Major, R.E.R.O.	"Heathfield", Heol-y-Deri, Rhiwbina, Cardiff.
5885	Cole, James Ernest	5, Princes Court, Park Lane, Wembley, Middlesex.
8781	Coleby, Francis John Anthony Com'r.(E.), R.N.	The British Embassy, & 2320, Tracy Place, N.W. Washington D.C., U.S.A.
4324	Coleman, C.	54, Fort Road, Newhaven, Sussex.
7198	Coleman, Edward James Victor	25, Broadway, Higher Bebington, Wirral, Cheshire.
4601	Colinese, S. G.	1234, South Street, Hatfield, Pretoria, S. Africa.
7743	Collett, William Herbert	37, Lynmouth Road, Aigburth, Liverpool, 17.
7551	Collin, Ronald Blackwood	c/o Victoria Falls & Transvaal Power Co., Ltd., Rosherville Power Station, Johannesburg.
7196	Collin, Wilson Henry Engr. Lt.-Com'r., R.N., ret.	21, Water Lane, London, E.C.3.
7663	Colling, William	29, Edgefield Avenue, Fawdon, Newcastle-on-Tyne.
4290	Collings, Fredk.	25, Roy Gardens, Newbury Park, Ilford.
560	Collings, J. W.	60, Coombe Road, Croydon, Surrey.
7265	Collins, Thomas Frank	120, Old Shoreham Road, Shoreham-by-Sea, Sussex.
5044	Collins, William Henry	8, Belgrave Drive, Anlaby Road, Hull.
3046	Collinson, Digby L. H. Engr. Lt.-Com'r., R.N., ret.	c/o Lloyd's Register of Shipping, Ocean Chambers, Lowgate, Hull.
7009	Collinson, Harry	62, Park Lane, Anlaby Park, Hull.
7601	Collinson, Robert Blackett	301, Coast Road, Heaton, Newcastle-on-Tyne.
8782	Coltar, George Kenneth	c/o Huilever S.A. (Div. H.C.B.), Leopoldville, Belgian Congo.
8631	Colvill, Francis John	11, Purberry Grove, The Kingsway, Ewell, Surrey.
4487	Combes, J.	District Office, Messrs. Insurance Engineers, Ltd., Queen Street Chambers, 9, Queen Street, Norwich.
7635	Comline, James Caldwell	36, Brisbane Street, Langside, Glasgow.
3106	Common, George Octavius	c/o Lloyd's Register of Shipping, 95, Bothwell Street, Glasgow.
3480	Compton, William	Salvage Association, 26, Beaver Street, New York, U.S.A.
7203	Conn, Alexander Aberdein	P.O. Box 52, Kisumu, Kenya Colony.
6967	Connell, John	129, Glenwood Gardens, Ilford, Essex.
7576	Connell, John MacDonald	c/o Camps & Co., 15, Bury Street, E.C.3.
5488	Connell, Robert G.	Chief Engr. T.s.s. <i>Arandora Star</i> , c/o John I. Thornycroft & Co., Southampton Docks.
6419	Connelly, James Rennie	Avondale, 7, Glenburn Park, Belfast, Ireland.
8224	Conolly, William John	T.G.S. <i>Trinidad</i> , c/o Harbour Master, Port-of-Spain, Trinidad. B.W.I.
6709	Constant, Amos Richard	3, Heatherley Close, Camberley, Surrey.
3223	Constantine, Robert Engr. Lt.-Com'r., R.N., ret.	Eight, Emerson Avenue, Linthorpe, Middlesbrough.
6375	Cook, Donald Smith	Chief Engineer, s.s. <i>Inverlago</i> , Lago Shipping Co., Ltd., Aruba, N.W.I.

MEMBERS.

NO.	NAME.	ADDRESS.
2217	Cook, John Foden	30, Fulwood Road, Aigburth, Liverpool.
7151	‡Cook, Stanley Smith, F.R.S.	Leyburn, Castleton Grove, Newcastle-on-Tyne.
7074	Cooke, William John	Edgeworth Farm, Horley, Surrey.
6574	Cookson, Fredk. Randolph Cecil	Marine Supt. Engineer, L.N.E. Railway, G.C. Section, Pekin Buildings, Grimsby Docks.
6723	Coombes, Douglas	"Aldsworth", 60, Broad Walk, Pownall Park, Wilmslow, Cheshire.
5848	†Cooper, Ernest David	
171	§Cooper, Frank Ch. Engr., R.D., R.N.R., ret.	39, Eagle Lodge, Golders Green Road, London, N.W.11.
6618	Cooper, Frederick George	3, Springhaven Road, Harbour, Madras.
8591	Cooper, James Douglas	33, Navarre Street, Barnhill, Dundee.
6470	Cooper, John E.	C.s. Recorder, c/o Cables & Wireless, Ltd., Singapore.
8523	Copland, Thomas Cecil	Marine Dept., L.M. & S. Railway Co., Gourock, Renfrewshire.
3835	Coppinger, C. W.	The Copse, 63, Beaconsfield Road, Blackheath, S.E.3.
8783	Corbett, Duncan	18, Church Lane, Merton Park, S.W.19.
3977	Cordingley, John Eng. Lieut., R.N., ret.	"The Moorings", 52, Hazelhurst Brow, Daisy Hill, Bradford.
7537	Corlett, William Alfred	13, Elmsleigh Gardens, Cleadon, near Sunderland.
7992	Cormack, David Frank	111, Croydon Road, Beddington Estate, Surrey.
6203	Corneille, John T.	Brettenham House, Lancaster Place, London, W.C.2.
6137	Cornell, Wm. Engr. Lieut., R.N.R.	Kent House, Warley, Brentwood, Essex.
2176	Cornish, H. P.	45, Amery Road, Harrow.
3341	Corns, Francis A.	8, Primrose Avenue, Blackpool, S.S., Lancs.
5822	Corrighan, A.	c/o Burns, Philp & Co., Ltd., 7, Bridge Street, Sydney, N.S.W.
8401	Corsi, Marino, Dott. Ing.	Corso Torino 1-31, Genoa, Italy.
5125	Corsie, William	"The Wenallt", Chalk Hill Road, Wembley, Middlesex.
8856	Corwin, Alverdo Arie, Com'r., U.S.N.	97, Inwood, Road, Bridgeport, Conn., U.S.A.
8289	Coslett, James Culbert	77, Beauclair Drive, Wavertree, Liverpool, 15.
2634	Costigan, R.	7, Manorway, Tynemouth.
6560	Cotton, Harold	Tuesley, near Godalming, Surrey.
8199	Coupar, David B.	3, Oakville Mansions, Devonshire Road, Southampton.
8492	Couper, James C.	Haughend, Meigle, Perthshire.
8887	Coursens, Percy Randolph	4, Chalkwell Bay Flats, Undercliff Gardens, Leigh-on-Sea.
7714	Cowan, George	Clontarf, Rugby Avenue, Bangor, Co. Down.
5010	Cowie, Ian H.	"Bapco", Awali, Bahrein Island, Persian Gulf.
2549	Cowie, William	c/o Lloyd's Register of Shipping, 31-32, Oxford Street, Southampton.
6947	Cox, Albert Thompson	121, Cranbrook Road, Ilford, Essex.
7686	Cox, Ralph Douglas Eng. Capt., R.N., ret.	"Tralaig", The Glade, Kingswood, Surrey.
2382	†Crabb, Thos.	
7172	Crabtree, Philip Wadsworth	41, Lavington Road, West Ealing, W.13.
4105	Cragg, Robt. Grisdale	Lynton, Kingsway, Penwortham, Preston, Lancs.
6023	Craig, David P.	Glen Rowan, Lairg, Sutherland.
8913	Craig, Donald	5, Camp Road, Maryport, Cumberland.
6601	Craig, Frederick	c/o Supt. of the Line, K.U. Rlys. & Harbours (Lake Services), Nairobi, Kenya Colony.
7240	Craig, James Douglas	China Navigation Co., c/o Messrs. Butterfield & Swire, Hong Kong, China.
8745	Craig, John Cameron	c/o Association of Engineers, Singapore.
2146	Craig, Robt. Keith	"Hedgeside", High Road, Chigwell.
4668	Cram, Peter Jack	15, Garden Lane, Moor Park, Fazakerley, Liverpool.
8700	Crampton, Arthur Edw.	10, Bitterne Way, Bitterne, Southampton.
6323	Crandell, Thos. Crandell	15, Balfour Road, Ilford, Essex.
7007	Crane, Cyril	4, Oval Road, Rugby, Warwickshire.

† Address wanted.

‡ Denny Gold Medallist, 1938.

§ Denny Gold Medallist, 1896.

MEMBERS.

NO.	NAME.	ADDRESS.
8914	Craven-Phillips, Percival H.	H.M.S. <i>Dolphin</i> , Gosport, Hants.
	Lt-Com'r. (E.), R.N.	
4654	Crawford, A., Junr.	c/o Messrs. Butterfield & Swire, Hong Kong.
7575	Crawford, Cyril Gordon	Central Foundry, Ltd., P.O. Box 20, Barbados, B.W.I.
8545	Crawford, George	Port & Marine Office, Dar-es-Salaam, Tanganyika.
3796	Crawford, G. A.	53, Tring Avenue, Ealing Common, W.5.
3147	Crawford, John	Erskine Villa, Alloa, Scotland.
7020	Crawford, John	Morts Docks & Engineering Co., Balmain, Sydney, N.S.W., Australia.
5284	Crawford, Robert	53, Tring Avenue, Ealing Common, W.5.
3391	Crewe, Henry E.	"Moorland", Albany Road, Douglas, Isle of Man.
8793	Crichton, William Frank	c/o Tobacco Manufacturers (India) Ltd., Fraser Town, Bangalore, South India.
3158	Crichton, Arthur Edward (Vice-President)	c/o Royal Mail Lines, Royal Mail House, Leadenhall Street, E.C.3.
1623	Crichton, J., O.B.E.	107, Bedford Road, Bootle, Lancashire.
4465	Crichton, John	Ardmore, Mayfield Avenue, Orpington, Kent.
5685	Crockford, H. J.	c/o Shell Co. of Australia, Ltd., Shell Corner, Banke and William Streets, Melbourne, Victoria, Australia.
6283	Croll, David, B.Sc.	c/o Drydock Co., Tandjong Priok, Westerstraat ii, Rotterdam, Holland.
5846	Cromarty, R. W.	Port Line, Ltd., 88, Leadenhall Street, London, E.C.3.
7177	Cromby, John	Supt. Engineer, Butterfield & Swire, Tongku, Tientsin, North China.
6215	Cromby, Wm. Turner	c/o Nielsen & Malcolm, 12, The Bund, Shanghai, China.
2101	Crompton, Frank	White Chimneys, Alderton Hill, Loughton, Essex.
1790	Crompton, T. A. (Member of Council)	The Wrays, Burdon Lane, Cheam, Surrey.
7324	Cromwell, Samuel	California 737, Buenos Aires, Argentine.
4686	Crookston, D. D.	Newlands, Hammers Lane, Mill Hill, N.W.7.
6615	Cropley, Horace E.	Silver Line, Ltd., Kerr Pier, 57th Street, Brooklyn, New York, U.S.A.
2921	Crosbie, Walter S.	Aranthru, Renfrew.
7849	Crosby, Charles Crandell	11, Mapperley Close, New Wanstead.
2701	Crosby-Jones, F.	10, Everton Road, Croydon.
5634	Cross, Alexander	"Broughton", St. Botolph's Road, Sevenoaks, Kent.
4834	Cross, Rene	50, University Road, Highfield, Southampton.
8262	Cross-Rudkin, Frederick William	1, Harewood Road, Wallasey, Cheshire.
5052	Crouch, Reginald C.	9, Chudleigh Crescent, Ilford, Essex.
8225	Crousaz, Augustus George, Engr. Rear-Admiral, C.B. (Vice-President)	Deputy Engineer-in-Chief, Admiralty, Whitehall, S.W.1.
2527	Crow, Lewis	Little Gunton, 6, Penn Hill Avenue, Parkstone, Dorset.
8857	Crowe, Thos. Arkle	"Highlaws", Bearsden, Dumbartonshire.
7111	Crowther, Henry Trevor	102, Hubert Grove, Stockwell, S.W.9.
8402	Crowther, Louis Earl	"Amara", Mayfield Road, Whitby, Yorks.
4179	Cruickshank, Arthur H.	c/o Government Transport Dept., G.P.O. Box 384, Accra, Gold Coast Colony.
8605	Cruickshank, Charles John	"Liddesdale", Moorway Lane, Littleover, Derby.
7993	Cuer, Frank William	Electrical Branch, P.W.D., Lagos, Nigeria, B.W. Africa.
7617	Cull, John	"Moville", 94, Park Road North, Birkenhead.
5105	Cullin, Robert P.	50, Malpas Road, Wallasey, Cheshire.
6572	Cumberland, Barraclough C.	19, Gillies Street, Wollstonecraft, Sydney, N.S.W.
7837	Cumming, John	1012, Cumbernauld Road, Riddrie, Glasgow, E.1.
7918	Curenden, Joseph Edwin Lythgoe	2nd Engr., s.s. <i>Newchang</i> , c/o Butterfield & Swire, Hong Kong.
4022	Curling, Bernard C.	27, Warrington Road, Harrow.
3075	Curnow, W. L.	15, Cotswold Gardens, London, E.6.

MEMBERS.

NO.	NAME.	ADDRESS.
5523	Curtis, Arnold J.	"The Beacon", 216, Crowborough Road, Tooting Bec, S.W.17.
6398	Cushing, George Richard R.	1, Osborne House, Champion Hill, S.E.5.
8915	Cuthbert, John Ross	Hawarden, 2, Bareena Avenue, Wahroonga, New South Wales.
7763	Cuthbert, Percy Oakden	6, Princes Street, McMahons Point, North Sydney, N.S.W., Australia.
7859	Cuttle, Henry Hebblewhite	R.M.S. <i>Mauretania</i> , c/o Cammell Laird & Co., Birkenhead, Cheshire.
8316	Daglish, Edward	14, Tranby Avenue, Hessle, near Hull, East Yorks.
5916	Daintith, Alfred	Lloyd's Register of Shipping, Calle 25 de Mayo, 158, Buenos Aires, Argentine.
8046	Daintith, Harold	4, Cross Way, Petts Wood, Kent.
3263	Dale, Leonard D. S.	11, Doris Road, Sparkhill, Birmingham.
6925	Dalley, Charles	59, Vaughan Road, New Brighton.
8833	Dallison, Philip Henry	P. & O. Steam Navigation Co., Ltd., Engineers Dept., 122, Leadenhall Street, London, E.C.3.
8058	Dalton, James Gerald	Room 2107, Air Ministry, Berkeley Square House, Berkeley Square, London, W.1.
2062	Dalton, R. H.	Messrs. Hopkinsons, Ltd., 34, Norfolk Street, Strand, W.C.2.
5912	Dalziel, Allan	61, Crebert Street, Mayfield East, Newcastle, N.S.W.
4637	†Dalziel, David	
6736	Daniel, Adolphus John	c/o Mr. W. J. Baxter, "Shaldon", Fearnville Drive, Clevedon, Somerset.
7021	Daniel, John Cox	11, Eliot Street, Bootle, Liverpool.
6968	Daniels, Alfred John	55, Crookston Road, Eltham Park, London, S.E.9.
4244	Daniels, Chas. Edward	32, Hill Road, Barrow-in-Furness.
7568	Darbyshire, Arthur Rowland	32, Albert Road, Highfield Park Estate, Bredbury, Stockport, Cheshire.
5306	Davidson, Alexander	P.O. Box 328, Beira, Portuguese East Africa.
8858	Davidson, Alexander Elliott. Major General	11, The Pryors, Hampstead, London, N.W.3.
8568	Davidson, Allan	"Kersland", Eglinton Street, Saltcoats.
6255	Davidson, Charles	55, Bedford Place, Aberdeen.
8317	Davidson, Charles A.	59, Harrison Road, Edinburgh, 11.
6743	Davidson, David	4011, Cambridge Street, Vancouver, B.C., Canada.
3708	Davidson, J. H.	17, Newlands Crescent, Aberdeen.
7428	†Davidson, James Scott	
6808	Davies, Arthur Samuel	3, Colum Road, Cardiff.
7419	Davies, David Alwin	"Alona", Pencisely Rise, Llandaff, Cardiff, Glamorgan.
7838	Davies, David Elias	19, Blake Road, New Southgate, N.11.
3603	Davies, Eric	Consulting Engineer, 2nd Floor, Chartered Bank Building, Shanghai, China.
4363	Davies, Frank B.	c/o British Standards Institution, 28, Victoria Street, S.W.1.
8662	Davies, Frank Stanley	58, Perham Road, West Kensington, W.14.
7444	Davies, Gwilym Idwal Parry	18, Thornton Avenue, Higher Bebington, Cheshire.
4341	Davies, Harold	"Ancona", Allensbank Road, Heath, Cardiff.
5878	†Davies, Herbert W.	
4007	Davies, Idris	58, Grasmere Avenue, Merton Park, S.W.19.
8352	Davies, John	"Millholme", 9, Colindeep Gardens, Hendon, London, N.W.4.
6596	Davies, John H.	97, Cornwall Gardens, South Kensington, S.W.7.
5783	Davies, William I.	20, Pencisely Road, Llandaff, Cardiff.
8318	Davis, Ambrose	Chief Inspector of Boilers, Burma, Secretariat, Rangoon.
6217	Davis, Eric George	The Asiatic Petroleum Co. (North China), Ltd., Shanghai, China.
3968	†Davis, Frederick Jas.	
6175	Davis, John R. Engr. Com'r., R.N.	"The Croft", Spring Hill, Nailsworth, Gloucestershire.
5785	Davis, Leonard H.	c/o Mr. H. E. Davis, 111, Marshall Road, Rainham, Kent.
3084	Davis, Lewis Conford	Lloyd's Register of Shipping, 95, Bothwell Street, Glasgow.
7260	†Davison, Alexander	

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
5550	Davison, B. H.	"Bay View", St. George's Terrace, West Cliff, Herne Bay, Kent.
7536	Davison, Ernest	25, Hyperion Avenue, Simonside, S. Shields.
5440	Davison, John G.	Municipal Electrical Engineer, Municipal Power Station, Port Alfred, South Africa.
4863	Davison, Robert	Inglenook, Norton Road, West Cross, Swansea.
5399	Davy, Arthur C. M. Com'r. (E.), R.C.N.	H.M.C. Dockyard, Esquimalt, British Columbia.
1658	Daw, H. M. W.	Utility Arts, Ltd., 8, Cirencester Street, Harrow Road, W.2.
8226	Dawkins, William Alfred Loftus	68, Revidge Road, Blackburn, Lancs.
6327	Dawson, William	8, Bukit Chermin Road, Keppel Harbour, Singapore.
5648	Day, George A.	32, St. Marks Road, Kensington, W.10.
2283	Deacon, Harold O.	Hogerty Hill, Lughurst Road, Woldingham, Surrey.
8059	Deakin, Leslie	37, Hose Side Road, Wallasey, Cheshire.
8386	Dean, Alexander	8, Glenavon Road, Prenton, Birkenhead.
6919	†Deane, Joseph Palmer	
5818	Deans, George	134, Arkleston Road, Paisley.
5737	†de Chanaz, Giovanni	
5484	Defty, Henry M.	"Annandale", 32 Little Gaynes Lane, Upminster, Essex.
6603	de la Mare, Edgar G.	5, Wimmerfield Drive, Gower Road, Sketty, Swansea.
7872	†Delamare, Harry William	
5056	Delaney, Joseph Robert	28, Airthrey Avenue, Jordanhill, Glasgow, W.
5004	de Lautour, Francis	c/o The Bank of New Zealand, 1, Queen Victoria Street, E.C.4.
7116	Delves, John Victor	6, Broad Street Place, E.C.2.
1913	DeMeo, John B.	Union Club, Piazzale Guisepe Mazzinis, Genoa, Italy.
4306	Dench, Charles J.	Hooghly Docks, 6, Howrah Road, Salkia P.O., Howrah, India.
7255	Denholm, Dan Macphee	c/o Norris, Henty & Gardners, Ltd., 115, Queen Victoria Street, E.C.4.
5714	Dennison, Alfred	26, Ruislip Court, Ruislip, Middlesex.
7896	Denny, William	Longbarn, Cardross, Dumbartonshire.
4802	Derans, Oscar	23, Drattningatan, Trollhättan, Sweden.
8135	Deslandes, Edward Helier	60, Lansdowne Avenue, Bexley Heath, Kent.
2859	Dewar, James M. (Vice-President)	Grand Buildings, Trafalgar Square, W.C.2.
6386	Dewar, Norman McKie	Grand Buildings, Trafalgar Square, London, W.C.2.
2745	Dewar, Peter	1063, Sauchiehall Street, Glasgow.
4595	de Waterford, E. C.	38, Woodstock Avenue, Ealing, W.13.
8418	Diack, James	Fenham House, 86, Brighton Grove, Newcastle-on-Tyne.
8859	Dick, John	c/o Burmah Oil Co., P.O. Box 829, Rangoon.
7030	Dick, William	16, Empress Avenue, Wanstead Park, E.12.
7286	Dicker, Edward	50c, Crooms Hill, Greenwich, London, S.E.10.
2739	Dickinson, W. E.	12, Carshalton Place Terrace, Carshalton, Surrey.
7233	Dight, Sydney Rupert Engr. Rear-Admiral, C.B.E.	3, Constable Close, London, N.W.11.
6882	Dingle, Reginald William	"St. Helier", 15, The Drive, Harold Wood, Essex.
3806	Dixce, T. H. C.	53, Crystal Avenue, Hornchurch, Essex.
6210	Dixon, John	c/o Lloyd's Bank, Finsbury Circus Branch, Old Board Street Place, E.C.2.
7919	Dobinson, Sydney Harry	23, Lyndhurst Drive, New Malden, Surrey.
8015	Docker, William Henry	36, Sketty Road, Swansea.
5615	Dodd, Edwin Berry	Ebberly Lawn, Barnstaple, Devon.
5828	Dodds, Tom	121, Station Road, Chingford, Essex.
6088	Dodsworth, Harold	131, Village Way, Pinner, Middlesex.
1914	Doig, E. J.	c/o Messrs. Walkers, Ltd., Maryborough, Queensland.
5519	Doig, Michael	c/o Messrs. Harland & Wolff, Ltd., Belfast.
6388	Dommett, Thomas William Erskine Lieut. (E.), R.N.	H.M.S. <i>Glasgow</i> , c/o G.P.O., London.
2968	Dommett, W. E. Capt., R.A.F.	14, Cranes Park, Surbiton, Surrey. † Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
7920	Donald, Bayne Ireland	6, Melville Road, Falmouth, Cornwall.
4026	Donald, Leslie McL.	c/o The Manager, Barclays Bank, E. Dulwich Branch, 68, Lordship Lane, S.E.22.
3400	Donald, Peter	416, Lower Malvern Road, Glen Iris S.E.6, Victoria, Australia.
5425	Donald, Samuel T.	33, Ellington Road, Cranley Gardens, N.10.
6583	Donaldson, Alexander S. I.	Angus Jute Co., Ltd., Bhadreswar P.O., E.I.R., Bengal, India.
5546	Donaldson, James	7, Manville Road, Wallasey, Cheshire.
5843	Donaldson, J. J.	44, Kingsholm Road, Gloucester.
4862	Donaldson, Thomas Davey	40, Warrender Park Terrace, Edinburgh.
8493	Donnelly, Edward	Chief Engineer, s.s. <i>Ellenga</i> , B.I.S.N. Co., c/o B.I. Engineers' Club, 15a, Kyd Street, Calcutta.
8113	Donovan, Gordon James	34, Glengarry Street, Woodville, South Australia.
3787	Doonan, John	c/o Henry Wiggin & Co., Ltd., Thames House, Millbank, S.W.1.
5234	‡Dorey, Stanley F., D.Sc., Wh.Ex. Engr. Lt.-Com'r., R.N., ret. (Vice-President)	c/o Lloyd's Register of Shipping, 71, Fenchurch Street, London, E.C.3.
7478	Dougan, Alfred St. Clair	3, University Avenue, Glasgow, W.2.
3258	Douglas, Jas. Robert	21, Cambridge Park, Wanstead, E.11.
5418	Douglas, Walter P.	Singapore Harbour Board, Singapore.
4589	Douglas, W. A. R.	6, Bridge Street, Sydney, N.S.W.
6867	Douglass, Norman Richardson	Cablesip <i>Cyrus Field</i> , Western Union Telegraph Co., Halifax, Nova Scotia, Canada.
3343	Doust, Fredk. G.	The General Gordon Hotel, Cedar Avenue, Gravesend.
1240	†Doust, R.	
8139	Dowling, William	c/o Messrs. The Hain Steamship Co., 24, St. Mary Axe, London, E.C.3.
7491	Dowling, William Patrick	32, Beach Street, Island Bay, Wellington, N.Z.
8387	Dowman, Albert Harry	"Weston", St. Matthews Avenue, Surbiton, Surrey.
8592	Downie, Archibald C.	126, Novar Drive, Hyndland, Glasgow, W.2.
1957	Downie, Fairbairn, Major, C.B.E.	31, Upper Addison Gardens, Kensington, W.14.
5221	Downie, Robert M.	8, Hazel Gardens, Edgware, Middlesex.
3286	†Downing, Montague	
3828	Downs, John	4, Lillian Avenue, Gunnersbury Lane, Acton, W.5.
8060	Doyle, David Eugene	3, Sefton Road, Walton, Liverpool.
2900	Driver, Wm. A.	Anchorage, King George Road, Cauldwell, South Shields.
8290	Drossi, Horace Hugo Richard	18A, Corfton Road, Ealing, W.5.
7752	Drummond, James Houston	Marine Surveyor's Office, Custom House, Amoy, S. China.
5508	Drummond, Roy Macgregor	61, Shooters Hill Road, London, S.E.3.
7098	Drysdale, John S. H.	14, The Terrace, Roker, Sunderland.
8330	Drysdale, Mackenzie	M. Drysdale & Co., Town Foundry, Bath Street, Gravesend.
8016	D'Souza, Joachim Lawrence	Engr. Deputy Conservator's Dept., Port Commisisoners, Rangoon, Burma.
2795	Duff, John B., B.Sc.	125, Shrewsbury Road, Birkenhead.
7300	†Duff, Norris Vivian	
7666	Dumble, Thomas Robinson	97, Elmstead Gardens, Worcester Park, Surrey.
3471	Dumont, Arthur	1566, Bruister Street, Mobile, Ala., U.S.A.
7745	Dunbar, Charles Lieut., R.E.	11, Ladysmith Road, Edinburgh, Scotland.
6114	Duncan, Arch. Stuart Askew	19, Earlswood Gardens, Woodford Avenue, Ilford, Essex.
5905	Duncan, James	Hillcroft, Stradbroke Grove, Buckhurst Hill, Essex. ‡ Address wanted. ‡ Denny Gold Medallist, 1930 and 1935.

MEMBERS.

NO.	NAME.	ADDRESS.
3593	Dunlop, John	c/o The Institute.
5726	Dunlop, John	1, Meadway Court, London, N.W.11.
8761	Dunlop, Neil Gilmour	c/o Thomson, 9, Church Street, Alloa, Scotland.
6828	Dunlop, Samuel Hamilton	24, Thornhill Drive, Belfast.
2717	Dunlop, Thos.	242, Green Lane, Norbury, S.W.16.
8746	Dunn, David	c/o East Ferry Crane & Engineering Co., Ltd., 118, East Ferry Road, Millwall, London, E.14.
7334	Dunn, Douglas	3, Goldenacre Terrace, Edinburgh.
2872	Dunn, Fred. W.	167, Trinity Road, London, S.W.17.
2726	Dunn, Robt. J.	32, Sherwood Way, West Wickham, Kent.
6991	Durrant, Frank Leslie	322, Mountcastle Drive North, Portobello, Midlothian.
8355	Duval, Frederick Charles	China Navigation Co., c/o Butterfield & Swire, Shanghai, China.
3797	Duxon, Fredk. C., M.B.E.	c/o Douglas Steamship Co., Ltd., Hong Kong.
2476	Dye, C.	Rose Cottage, Northwold, Stoke Ferry, Norfolk.
2175	Dykes, John	"Glen Arbuck", Rowan Road, Dumbreck, Glasgow, S.1.
5223	Dyson, K. J. H.	c/o Chittagong Port Trust, Chittagong, India.
5270	Eadie, John A.	29, Bincote Road, Enfield, Middlesex.
4468	Eaglesome, A. W.	Lloyd's Register of Shipping, Rua da Candalaria 80, 6a Andar, Rio de Janeiro, Brazil.
7831	Eales, Frank Raymond	99, Cowey Road, Durban, South Africa.
7559	Earl, Leonard	c/o B.I. Engineers' Club, 15A, Kyd Street, Calcutta.
2318	Earnshaw, V. R.	Manager of Workshops, Post and Telegraph Dept., Pipitea Point, Wellington, N.Z.
8328	East, Arthur Stanley	35, Westcombe Park Road, Blackheath, S.E.3.
4688	Easthope, Robt. J.	Lloyd's Register of Shipping, Collingwood Buildings, Newcastle-on-Tyne.
6228	†Eaton, Andrew Roy	
2001	Edgar, Geo.	Messrs. Port Talbot Graving Dock and S.S. Co., Dry Docks, Port Talbot, S. Wales.
4347	Edge, E. J.	Cablesip Recorder, c/o Manager, Eastern Extension Telegraph Co., Ltd., Singapore.
7302	Edixhoven, Theodorus	Mobile Ship Chandlery Co., c/o Capt. Newburry, Mobile Alabama, U.S.A.
6365	Edmond, Alexander Duncan	Robert Gordon's College, Aberdeen.
5555	Edmond, Henry A.	Gauden, First Avenue, Broomfield Road, Chelmsford.
6701	Edmondson, Ernest	107, Westfield Road, Hull.
8888	Edwards, Albert	50, Heavitree Road, Plumstead, S.E.18.
8122	Edwards, Alfred Batho	"Onchan", Lyons Lane, Appleton, Warrington.
5975	Edwards, Alwyn J.	4, Leopold Crescent, Mont Albert, Melbourne, E.10, Victoria, Australia.
6747	Edwards, Charles Wm.	5, Thornleigh Road, Woolston, Southampton.
3419	Edwards, Edward	109, Ack Lane, Cheadle Hulme, Cheshire.
5391	Edwards, Frank H.	"Iroquois," Meadow Road, Gravesend, Kent.
8520	Edwards, Fred.	39, Woodville Road, Maidstone, Kent.
8794	Edwards, Henry Stanley	46, Tair Erw Road, Birchgrove, Cardiff.
7477	Edwards, John Robert	11, Halesworth Road, Lewisham, S.E.13.
5197	Eidlitz, Cornelio de Dott. Ing.	Adria S.S. Co., Abbazia, Italy.
6826	Elder, William	17, Bond Street, Sydney, Australia.
6334	Elder, William Bower Castell	2, Hunter Street, Sydney, N.S.W.
2759	Elderton, Alfred J. Engr. Lt.-Com'r., R.N., ret.	"La Casita", Shepherds Lane, Dartford.
3320	Eley, Charles Victor Albert	10, Cambridge Crescent, Edgbaston, Birmingham.
7087	Elliott, Albert Edward	
5424	†Elliott, D. B.	18, Prince George Avenue, Fulwell, Sunderland.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
7120	Elliott, Frank Reynolds	297 Antrim Road, Belfast.
7041	Elliott, Herbert Lane	c/o Shanghai Power Co., P.O. Box 404, 121, Nanking Road, Shanghai, China, via Siberia.
4776	Ellis, George R. Engr. Lt.-Com'r., R.N., ret.	Colonsay, Sollershott, Letchworth, Herts.
4609	Ellis, Joseph H.	37, Ulundi Road, Blackheath, London, S.E.3.
2977	Ellis, Wm. E.	c/o The Alexander Shipping Co., Ltd., 4, St. Mary Axe, E.C.3.
7400	Ellison, Edward	c/o United Engineers Ltd., Singapore, S.S.
4280	Ellson, Joseph	Wolverhampton and Staffs. Technical College, Wulfruna Street, Wolverhampton.
7346	Ellwood, William James	43, Grove Avenue, Muswell Hill, N.10.
6038	Elsby, Tom Cecil	16, Watergate Lane, Woolton, Liverpool.
6391	Emmerson, Ralph	8, Rue Cobden, Antwerp, Belgium.
6673	Endert, Dirk C.	The Rotterdam Dry Dock Co., Post Box 913, Rotterdam.
8575	English, Philip S.	17, Ellesmere Road, West Town Lane, Knowle, Bristol, 4.
4986	Erskine, James Campbell	Lloyd's Register of Shipping, 4 Bridge Street, Sydney, N.S.W.
8344	Esdon, Douglas Stuart	Marley, Southdown Road, Cosham, Hants.
2425	Esplin, W. J.	144, Dundas Street, Dunedin, N.I., New Zealand.
3916	†Essenhigh, R.	
7720	Esson, Robert	Chief Engineer, c/o B.I. Engineers' Club, 15A, Kyd Street, Calcutta, India.
3315	Evans, Albert R.	86, Bishops Road, Whitchurch, Cardiff.
5614	Evans, Arthur F.	2, Castleton Mansions, Barnes, S.W.13.
8916	Evans, Bennett Richard	64, Stanley Gardens, Orrell Park, Liverpool, 9.
6184	Evans, Dewi G.	"Llysgwyn", Crymmych, Pembrokeshire, Wales.
8061	Evans, Edgar Charles	138, Alexandra Road, Clayfield, Brisbane, Australia.
1737	Evans, E. Horsburgh	"Dulzura", 14, Chatsworth Road, Dartford, Kent.
1748	Evans, F. S.	Portree, Barnfield Wood Road, Beckenham, Kent.
8632	Evans, Frank	"Lythcote", Meole Crescent, Shrewsbury, Shropshire.
5214	Evans, H. Bevan	22, Silvermead Road, Wylde Green, nr. Birmingham.
3074	Evans, Idwal W. J.	P.O. Box 2967, Capetown, South Africa.
3386	Evans, W. A. C.	"Chelston", Bishops Road, Whitchurch, Cardiff.
8088	Evans, William Johnston	216, Park Crescent, Erith, Kent.
5360	Evans, William W.	11, Penrith Drive, Kelvinside, Glasgow, W.2.
4684	Everard, Alfred M.	"Mountfield", London Road, Greenhithe, Kent.
7994	Everett, Bernard Stanley	c/o The B.O.C., Khodaung, Upper Burma.
5119	Eves, Robert, Capt.	Public Works Department, Johore, Malay Peninsula.
6772	Ewan, David	91, Clifton Avenue, West Hartlepool.
8762	Ewens, Harry Hamilton Engr. Lt., R.N., ret.	Government Electricity Dept., Kuala Lipis, Pahang, Federated Malay States.
5104	Ewing, Peter	27, Manor Drive, Worcester Park, Surrey.
4808	Fairbairn, Cyril Duncan	"Woodlea", Cambridge Avenue, Bamford, Rochdale.
4033	Fairgrieve, James	18, Dublin Street, Edinburgh, Scotland.
7167	Fairley, Francis Finlayson	P.O. Box 332 G.P.O., Elizabeth Street, Melbourne, Victoria, Australia.
555	Farenden, W. E.	Kilsby, Berrylands Road, Surbiton, Surrey.
8917	Farmer, John D.	Dartford Ironworks, Kent.
5991	Farmer, Paul H.	4363, Wilson Avenue, Montreal, Canada.
2299	Farquharson, D. C.	"Birchwood", Rosemount, Blairgowrie, Perthshire.
7860	Farquharson, William Pearson	316, Kingston Road, Ewell, Surrey.
8403	Farrage, William	"The Laurels", Bottesford, Nottingham.
6051	Farrow, Wm. John	169, Brigstock Road, Thornton Heath.
6157	Farthing, Vernon Lambert	544, Liverpool Road, Birkdale, Southport, Lancashire.
5915	Fathers, James B.	Marine Department, V.G.O.C., Apartado 234, Maracaibo, Venezuela.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
7881	Fawcett, Thomas Arthur	17, Downs Cote Drive, Westbury-on-Trym, Bristol.
4983	Feathers, James	89, College Road North, Blundellsands, Lancs.
7268	Ferdinands, Charles Walter Vandendriesen	"Brookside", Serpentine Road, Borella, Colombo, Ceylon.
7861	Ferdinands, Norman Douglas Vandendriesen	"Thusara", Thimbirigasaya Road, Havelock Town, Colombo, Ceylon.
4014	Ferguson, Douglas	58, Bushey Avenue, South Woodford, E.18.
7053	Ferguson, William James	8, The Mount, Belfast.
5273	Ferrier, James P. M.	99, Newton Street, Greenock.
5471	Fidje, Nils Agnar	90, Grey Street, Newcastle-on-Tyne.
7242	Field, Henry	25, Fields Road, Alsager, Stoke-on-Trent.
6874	Field, Osmond James	House No. 3, (Peppé Villa), Dorunda, Ranchi, India.
2713	*Fielden, B. P. (Honorary Vice-President)	Atlantic House, St. Merryn, Padstow, Cornwall.
4676	Fielden, Barton Proctor, junr.	Lloyd's Register of Shipping, New Zealand Chambers, 483, Collins Street, Melbourne.
6931	Fielder, Eric South	R.F.A. Olcades, c/o G.P.O., London.
7882	Fieldhouse, Norman	18, Raglan Road, Morecambe, Lancs.
5512	Filby, Reginald W.	53, Winstanley Road, Sheerness, Kent.
7748	Filshie, Gilbert	32, Brook Avenue, Wembley Park, Middlesex.
7076	Findlay, David Noël	Sydney Tech. College, Marine Engineering Dept., Harris Street, Sydney, N.S.W.
2502	Findlay, John T.	Lloyd's Register of Shipping, Collingwood Buildings, Newcastle-on-Tyne.
8494	Finlayson, John M.	163, Nicholson Road, Durban, South Africa.
3243	Finney, Edw. Bowie	162, Singlewell Road, Gravesend, Kent.
7580	Fisher, George Franc Engr. Lt., R.N.R. (ret.).	"The Green", Earlstone, Berwickshire.
8546	Fisher, John Osmond Middleton	c/o The Humber Graving Dock and Engineering Co., Ltd., Immingham, Lincs.
8612	Fisher, William	7, The Chine, Muswell Hill, N.10.
8048	Fishleigh, Frederick Thomas	"Newlands", 24, Home Drive, Preston Road, Yeovil.
2000	Fitch, J. R. M.	Lawford Iron Works, Manningtree, Essex.
1188	Fitzgerald, J. C. Capt.	55, Egerton Road, Bishopston, Bristol, 7.
1908	Flanagan, Matthew	102, Byres Road, Hillhead, Glasgow.
422	*Flannery, Sir J. Fortescue Bart. (Past President)	9, Fenchurch Street, E.C.3.
3869	Fleet, Herbert A.	143, Meadows Road, Tientsin, North China.
6809	Fleming, James	Myrtlebank, Blythswood Avenue, Renfrew.
8398	Fleming, Nisbet Carlin	Clonaig, 14, Orford Road, Renfrew.
8570	Fleming, Samuel Wm. Calderwood	"Annandale", 41, Letham Road, Strathaven, Lanarkshire.
7687	Flenk, Herbert Augustus	Milestone House, Carterton, Oxon.
3738	Fletcher, H. E.	30, The Mead, Beckenham, Kent.
8524	Flindt, E. Ivor	3, Queens Gardens, Hendon, N.W.4.
4989	Flint, Ernest Arthur	Egremont, 7, Burlington Lane, Chiswick, W.4.
6463	Flood, Charles John Maynard B.Sc., Wh.Ex.	Alfriston House, 125, Poplar Road, Merton Park, S.W.19.
2079	Flower, C. A.	58, Warwick Road, Earl's Court, S.W.5.
6428	Flower, Henry R. Eng. Capt.	Escuela Naval de Venezuela, Maiquetia (La Guaira), Republica de Venezuela.
8666	Flynn, James	45, Sandycoombe Road, Twickenham, Middlesex.
6783	Foggo, George Taylor	29, Dundonald Road, Aigburth, Liverpool.
8157	Forbes, Thomas Hynd	P.O. Box 60, New Law Courts, Rangoon, Burma.
7338	Ford, Harold Edward	2nd Engineer, s.s. <i>Maracay</i> , c/o Lago Shipping Co., Aruba, D.W.I.
6270	Forrest, John A. B.Sc., Wh.Ex.	Central Technical College, Birmingham.

* Life Member.

MEMBERS.

NO.	NAME.	ADDRESS.
4626	Forrest, William	71, Rochdale Road, Plumstead, S.E.18.
3082	Forster, Herbert C.	Lloyd's Register of Shipping, Collingwood Buildings, Newcastle-on-Tyne.
4564	Forster, William E.	c/o Howard Smith, Ltd., 33, Cornhill, E.C.3.
5832	Forster, William H.	"Brunton", Midway, Walton-on-Thames, Middlesex.
8123	Forsyth, George Howard	71, Fenchurch Street, London, E.C.3.
8445	Forsyth, Reginald Gordon Eng. Com'r., R.N.	"The Veldt", Portchester Road, Farnham, Hants.
3473	Forsyth, Reginald J.	18, Ventnor Gardens, Barking, Essex.
7563	Forsyth, William West- wood	13, Raymond Road, Southampton.
8100	Forwell, William McLaren	15, Spen Drive, Headingley, Leeds, 6.
5432	Foster, Eldred C.	Surveyor's Office, 26/27, Eden Quay, Dublin.
3065	Fotheringham, J.	18, Alexandra Park Road, Muswell Hill, London, N.10.
5248	Fountain, L. B.	7, Portland Place, Staten Island, New York, U.S.A.
3773	Fowler, John G. P.	30, Clyvedon Rise, South Shields.
2254	Fowler, W. P. Engr. Lt.-Com'r., R.N., ret.	Bureau Veritas, 29, Waterloo Street, Glasgow.
7417	Fowler, Wallace Eric Baxter	36, Sundial Avenue, South Norwood Hill, S.E.25.
4397	Fowlie, George P.	Chief Engineer, m.s. <i>Reginolite</i> , c/o Imperial Oil Shipping Co., Ltd., 56, Church Street, Toronto, Canada.
2094	Fox, Leonard M.	Fairfield, London Road, Ewell, Surrey.
4524	Francis, R. F.	10, Burlington Avenue, Kew, Surrey.
6523	Fraser, Henry R.	27, Bohemia Terrace, Blyth, Northumberland.
3135	Fraser, William	Ferncliff, Inellan, Argyllshire.
6516	Fraser, William B.	c/o Engineers' Dept., Royal Masonic Hospital, Ravenscourt Park, W.6.
4378	Fraser, Wm. H.	Lloyd's Register of Shipping, 55, Fawcett Street, Sunderland.
8420	Freeman, George Robert	Marine Surveyor. Citizens Bank Building, Norfolk, Virginia, U.S.A.
4795	Freeman, Jacob George	101, Leadenhall Street, E.C.3.
2883	Freeman, Sterry B., C.B.E., M.Eng. (Vice-President)	Messrs. Alfred Holt & Co., India Buildings, Liverpool.
4477	Freemantle, D. W.	102, Humber Road, S.E.3.
2309	French, Harold H.	c/o Messrs. Turner, Morrison & Co., P.O. Box 68, Calcutta.
5766	†Freshwater, Stanley	
6164	Frew, Alexander	B.I. Engineers' Club, 15A, Kyd Street, Calcutta.
4735	Frew, David	Chief Engr., Lago Shipping Co., San Nicolas, Aruba, Netherlands West Indies.
6668	Froggatt, Leslie	Supt. Engineer, Straits Steamship Co., Ltd., Singapore, S.S.
7202	Frost, Alfred	66, St. Anthony's Avenue, Woodford Green.
7489	†Frost, William James	
3007	Froude, Walter H.	"Woodland", Powntley Copse, Alton, Hants.
3831	Funnell, Albert J.	"The Retreat", Fort Road, Newhaven, Sussex.
3629	Furneaux, W. R.	9, Breamore Road, Seven Kings, Essex.
7319	Gaillard, Edgar Auguste	"Plemont", 1, Ashley Road, Dovercourt, Essex.
5446	Galbraith, William	6, Norwood Avenue, Heaton, Newcastle-on-Tyne, 6.
458	Gale, J.	2, Lingfield Avenue, Kingston-on-Thames.
5361	Gall, George	The Shell Co. of Ceylon, Ltd., Kolonnawa, Ceylon.
8576	Galloway, James H.	19, Morland Avenue, Bromborough, Cheshire.
8456	Gambles, Charles Cuff	114, Waddington Way, Beulah Hill, London, S.E.19.
7162	Gambling, Geoffrey Towler	Parker Rielley & Co., 91, Peking Road, Shanghai, China.
2712	Gammon, R. W.	54, Chester Road, Katherine Road, Forest Gate, E.7.
3576	Gander, Frank S., B.Sc.	57, Harland Road, Lee, S.E.12.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
7528	Gandy, Frederic Braisby	10, Windsor Terrace, Gosforth, Newcastle-on-Tyne.
7839	Gane, Gilbert Robert	27, Arcadia Road, Epsom, Auckland S.E.3, New Zealand.
5337	Gardiner, Charles	776, Barking Road, Plaistow, E.13.
5560	Gardiner, Reginald Thos. Lieut., A.I.R.O.	c/o Messrs. Grindlay & Co., Ltd., The Mall, Lahore, India.
7234	Gardiner, Thomas Drewery	Marine Department, Anglo-Saxon Petroleum Co., Ltd., St. Helen's Court, Leadenhall Street, E.C.3.
6181	Gardiner, Wm. O.	16, Beechway, Bebington, Cheshire.
6014	Gardner, James	c/o Standard Vacuum Oil Co., P.O. Box No. 4, Itozaki, Hiroshima-ken, Japan.
2987	Gardner, Wilfrid A.	35, Granville Avenue, West Hartlepool.
6464	Garner, George H.	78, The Drive, Beckenham, Kent.
3222	Garnett, Herbert Alan	Lloyd's Register of Shipping, 71, Fenchurch Street, London, E.C.3.
2395	Garnham, W. T.	c/o Sociedad Explotadora de Tierra del Fuego, Frigorifico Bories, Punta Arenas, Chile.
4245	Garratt, Ernest A., O.B.E.	Director, Jacobs, Barringer & Garratt, Ltd., 37, Fenchurch Street, E.C.3.
5237	Garratt, Edmund Carlton	Messrs. Jacobs, Barringer & Garratt, Ltd., 37, Fenchurch Street, London, E.C.3.
8140	Garreau, Roland William	62, Galstaun Mansions, Park Street, Calcutta, Bengal, India.
7605	Garrett, Henry James	58, Scarborough Drive, Leigh-on-Sea, Essex.
4902	Gaskin, George Henry	Surveyor, American Bureau of Shipping, P.O. Box 515, Beloit, Wisconsin, U.S.A.
7850	Gearing, Harry Charles	Messrs. Gearings, Ltd., Atlas Works, Cape Town.
4051	Gearing, Herbert E.	c/o Messrs. Rutherford, Ltd., P.O. Box 1075, Cape Town.
5834	Geddes, Alex. S.	46, Killermont Road, Canniesburn, Bearsden, near Glasgow.
6037	Gee, George	7, Woodfield Avenue, Bebington, Cheshire.
7215	Gelling, Douglas Welsly	4, Berwick Drive, Great Crosby, Liverpool, 23.
3647	Gemmell, David	71, Fenchurch Street, E.C.3.
7721	Gemmell, Henry Maurice B.Sc.	33, Randolph Road, Broomhill, Glasgow.
4350	George, W. R., B.Sc.	35, Greenhill Avenue, Caterham, Surrey.
8200	Georgiadis, Marinos	6, Via Galata, Genoa, Italy.
6946	Gerard, Allan James	Electrical Dept., Kuala Lumpur, Selangor, F.M.S.
1416	Gerard, Thomas	28, Claremont Road, Forest Gate, E.7.
7079	German, George Frederick	3610, Durocher Street, Apt. 6, Montreal, P.Q., Canada.
7326	Ghandy, Kaikobad P.	Khorshed Villa, New Bombay Agra Road, Thana, India.
8795	Gibb, Herbert	United Africa Co., Ltd., Unilever House, London, E.C.4.
6100	Gibb, Robert Lewis	"Renroc", Raeburn Avenue, Eastham, Wirral, Cheshire.
8547	Gibbon, J. Knight	"Woodbank", Moneyclose Lane, Heysham, Lancs.
8525	†Gibbins, Robert Ovens	
5911	Gibbs, Bryan Ord	26, Burlington Road, Isleworth, Middlesex.
6183	Gibbs, Cecil Harry	"Thorncliffe", 3, Landseer Road, Westbourne, Bournemouth.
3295	Gibbs, R. J.	23, Vaughan Gardens, Ilford, Essex.
5500	Gibbs, Roy Mowat	72, Bush Grove, Stanmore, Middlesex.
6231	Giblin, John Joseph	5, Grace Park Gardens, Drumcondra, Dublin.
4639	Gibson, Alfred T.	211, Charlton Road, Charlton, S.E.7.
4499	Gibson, A. Wm.	Technical College, Dudley, Worcestershire.
6868	Gibson, Cuthbert Hamilton	19, Park View, Waterloo, Liverpool.
7533	Gibson, Henry Cowan	c/o Johnson, 6, Gordon Road, Oundle, Nr. Peterborough.
2761	Gibson, J. Hamilton O.B.E., M.Eng. (Vice-President)	3, Central Buildings, Westminster, S.W.1.
7578	Gidney, Alfred	25, Mortimer Road, South Shields.
1372	Gilbert, C. H.	"Carisbrooke", Sidcup, Kent.
5164	Gilbert, Henry C.	73, Dock View Road, Barry Dock, Glam.
8747	Gilchrist, John	Air Ministry Directorate of Works, Corn Exchange, Louth, Lincs.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
3107	Gill, Jas. H. Wainwright, C.B.E., Major R.E.	Flat 3, 31, Emperor's Gate, London, S.W.7.
3123	Gillespie, Alexr. R.	Calle Patria, 1769, Montevideo, Uruguay.
3704	Gillespy, Geo. T.	International Building, Kingsway, W.C.2.
8593	Gillies, David, McCracken	71, Clanville Road, Roseville, Sydney, N.S.W.
7264	Gillies, Robt. L.	Union Steam Ship Co. of N.Z. Ltd., Wellington, New Zealand.
3494	Gillies, R. M. (Member of Council)	Royal Mail House, Leadenhall Street, E.C.3.
6041	Gilling, Jack C.	"Beverley", London Road, St. Albans, Herts.
6643	Gillis, Robert E. C.	82, Llantrisant Street, Cathays, Cardiff.
8860	Gilray, Thos. Martin	32, Groathill Avenue, Blackhall, Edinburgh.
5113	Girdlestone, H. H.	c/o Mackinnon, Mackenzie & Co., Calcutta.
501	Girdwood, Adam	39, Kilmaurs Road, Edinburgh.
451	Girdwood, J. F.	"Braeside", Observatory Road, Edinburgh.
6053	Gladstone, John A.	113, Oak Road, Redcar, Yorks.
7441	Glass, Andrew Edward Carr	c/o Shanghai Waterworks Co., Ltd., 484, Kiangse Road, Shanghai.
8861	Glass, Wm. John Stevenson	P.O. Box 35, Port Tewfik, Egypt.
3975	Glavin, Thos.	"Hillcrest", Rathfriland Road, Newry, Co. Down.
6857	Gleed, Albert Edward	Engineer-in-Charge, Ham Green Hospital, near Bristol.
6786	Gleed, Charles Wm.	3, Hinton Road, Fishponds, Bristol.
3426	Glentworth, Harry	8, East Parade, Goole.
8404	Glover, Charles Thomas	2nd Engineer s.s. <i>Bandra</i> , c/o Mackinnon Mackenzie & Co., B.I.S.N.Co. Agents, Bombay, India.
8889	Glover, George Ellis	c/o United British Oilfields, 15, Abercromby Street, Port-of-Spain, Trinidad, B.W.I.
7539	Glover, Murray	3, Reservoir Road, Brockley, S.E.4.
2767	Goddard, J. Alan	Hastings House, Norfolk Street, Strand, W.C.2.
6152	Goddard, Wilfred	32, Lichfield Road, Coventry, Warwickshire.
8388	Godfrey, Rudolph Grant	38, Western Avenue, Brentwood, Essex.
8837	Golder, John Stark	71, Welling Way, Welling, Kent.
5920	Golightly, Edward	c/o The Aeronautical Inspection Directorate, Neville House, Waterloo Street, Birmingham.
8421	Golightly, George Turnbull	c/o B.I. Engineers' Club, 15a, Kyd Street, Calcutta, India.
4711	Goode, Charles E.	682, Barking Road, Plaistow, E.13.
6678	Goodier, James	"Leighton", Bassett Crescent, Bassett, Southampton.
4348	Goodsir, David	478, Eastern Avenue, Ilford.
6015	Goodson, Edwin	14, Buckingham Avenue, Welling, Kent.
6309	Goodwin, Alfred F.	c/o Silvertown Lubricants Ltd., Minoco Wharf, Silvertown, E.16.
6304	Gordon, Alexander Engr. Lieut.-Com'r., R.D. R.N., ret.	1238, South Hampshire Road, Victoria, B.C.
7452	Gordon, Ernest Wilson	15, Elstow Close, Eltham, S.E.9.
8519	Gordon, Frank	"Thornley", York Avenue, Jarrow.
3582	Gordon, Sam G.	4, Lloyd's Avenue, E.C.3.
4520	Gordon-Luhrs, H., Lt.-Col., C.M.G.	5, Heath Court, Frognal, Hampstead, N.W.3.
8838	Gorringe, Hubert Maurice, B.Sc., A.C.G.I.	77, Beaconsfield Road, Blackheath, London, S.E.3.
7038	Gorton, Thomas	79, Westbourne Avenue, Bolton, Lancs.
7933	Gough, Reginald Howard	9, Handel Close, Canon's Park, Edgware, Middlesex.
3894	Gourlay, Geo. C.	54, Grosvenor Drive, Whitley Bay, Northumberland.
6850	Gourlay, Ronald George	R.R.S. <i>Discovery II</i> , Foreign Fleet Division, c/o G.P.O., London.
4638	Graham, Alex.	Surveyor of Ships' Office, Penang, S.S.
4308	Graham, A. R.	c/o John White, Boyd & Co., Marine Surveyors, 19, Waterloo Street, Glasgow, C.2.
8701	Graham, Chas. Newbold	c/o Mr. Vic Burley, Simpsons Road, Bardon W.4, Brisbane.

MEMBERS.

NO.	NAME.	ADDRESS.
7722	Graham, Henry Townsend	2nd Engineer, c/o B.I. Engineers' Club, 15A, Kyd Street, Calcutta, India.
7232	Graham, Jack Curtis	Govt. Marine Engineer & Surveyor, Sandakan, British North Borneo.
8457	Graham, James	Hillswood House, Hillswood Avenue, Leek, Staffs.
3039	Graham, John	c/o 4, Albermarle Avenue, High W. Jesmond, Newcastle-on-Tyne.
8319	Graham, John	The Kings Lynn Cold Storage Co., Chapel Street, Kings Lynn, Norfolk.
3642	Graham, Joshua	Board of Trade Surveyors' Office, 4/12, James Watt Street, Glasgow.
5918	Graham, Walter	Quebec & Ontario Transportation Co., 680, Sherbrook Street West, Montreal, Canada.
1337	Graham, W. A. Engr. Com'r., O.B.E., R.N.R. (Vice-President)	"The Glen", Westrow Road, Southampton.
8062	Graham, William Watson	"Wentworth", West End, Alness, Ross-shire.
8918	Grainger, Edwin John	The Hongkong & Shanghai Bank, Hongkong.
6427	Grant, Charles Robert Archibald Lieut. (E.), R.N.	Barnet Instruments, Ltd., Stand Fast Works, High Street, Barnet, Herts.
4987	† Grant, Francis S.	
6059	Grant, Geo. Wm.	c/o Marine Dept., Mene Grande Oil Co., Apartado 234, Maracaibo, Venezuela.
3772	Grant, Stephen	42, Fairfield Avenue, Upminster, Essex.
3716	Grant, William Charles	82, High Road, Woodford Bridge, Essex.
7713	Grant, William Edwin	20, Croft Avenue, Sunderland.
6716	Grasselli, Alessandro	Lloyd's Register of Shipping, Piazza Cavour 35, Genoa, Italy.
7293	Gray, A. Douglas	2, Bettoney Vere, Bray, Berks.
8577	Gray, Charles A. M.	16, Vanburgh Park, Blackheath, S.E.3.
8017	Gray, George Thomson	c/o Electricity Supply Commission Club, P.O. Box 30, Colenso, Natal.
6521	Gray, Ivor James	c/o Morrell, Gray & Co., Leadenhall House, 101, Leadenhall St., E.C.3
5493	Gray, John	Consulting Engineer, Calle 25 de Mayo 489, Buenos Aires, Argentine
8158	Gray, John Lawson	12, Humbert Street, Jarrow, Co. Durham.
6001	† Gray, John Pickup	
6373	Gray, Samuel Fyfe	c/o Marine Superintendent, Kisumu, Kenya Colony.
5740	Gray, S. W. H.	"Sunnybank", Alers Road, Bexley Heath, Kent.
7922	Gray, William John	328, Teluk Blaugah Road, Keppel Harbour, Singapore, S.S.
6308	Green, Edward N., M.A.	The Gill Propeller Co., Ltd., 17, Victoria Street, London, S.W.1.
1395	Green, E. W., O.B.E.	R. & H. Green & Silley Weir, Ltd., 130/132, Leadenhall Street, E.C.3
5620	Green, Fredk. T.	18, Radway Road, Southampton.
8405	Green, Jonathan Edward	39, The Drive, Tynemouth, Northumberland.
7187	Green, Walter L.	American Bureau of Shipping, 24, Old Slip, New York, N.Y.
8748	Green, Wm. Henry	"St. Albans", 10, Ilford Avenue, Crosby, Lancs.
5420	Greenhill, Ernest S.	32, Southfield Road, Bricknall Avenue, Hull.
7421	Greenwell, Harry	24, Hugh Road, Small Heath, Birmingham, 10.
4570	Greenwood, Robert	41, Napier Street West, Oldham.
8300	Gregg, Arthur Edward Cooke	Messrs. Harland & Wolff, Ltd., 9, Whitehall, London, S.W.1.
7401	Gregory, Alfred James	c/o Port Commissioners, P.O. Box 85, Rangoon, Burma.
6026	Gregson, Philip, M.A.	Debden, West Byfleet, Surrey.
3285	Greig, Jas. A.	42, Wanstead Park Avenue, Wanstead Park, E.12.
2691	Greig, Kenneth E.	"West Lodge", 7, Milnthorpe Road, Eastbourne.
3728	Grier, Robt. Bruce	Lloyd's Register of Shipping, 9, Eden Quay, Dublin.
7840	Grieve, James Henderson	104, Appin Crescent, Dunfermline.
5880	Grieve, Thomas	"Pittencrieff", Bronwydd Avenue, Penylan, Cardiff.
6684	Grieves, Norman A.	49, Roseberry Street, Mosman, Sydney, N.S.W.
5502	Griffin, Norbert J. (Vice-President)	Cie Asiatique des Petroles, Hanoi, French Indo-China.
6130	Griffith, Arthur T.	c/o Lloyd's Register of Shipping, 31/32, Oxford Street, Southampton.
4970	Grinyer, Herbert John	c/o Royal Mail Lines, Royal Mail House, Leadenhall Street, E.C.3.
2127	Grubb, J. R.	19, Park Place, Elie, Fife.
3450	Gullett, Thomas Edward	66, Peverell Park Road, Plymouth.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
8862	Gummer, Ernest Geo.	105, Upney Lane, New Barking, Essex.
7259	Gummer, Harold	13, Perry Hill, Southville, Bristol, 3.
7008	Gummer, Robt. Henry	"Cranford", Worsley Bridge Road, Beckenham, Kent.
6249	Gunn, George W.	3, Grinden Avenue, High Ford, Sunderland.
6795	Gunn, Marcus	18, Parkway Avenue, Bar Beach, Newcastle, N.S.W.
4038	Gunston, Robt. W.	45, Marlborough Avenue, Glasgow, W.1.
7138	Gurney, William Redvers	119, Fernhill Road, Bootle, Liverpool, 20.
8159	Guthrie, Alexander Smith	R.M.S. <i>Rajula</i> , c/o British Engineers' Club, P.O. Box 296, Calcutta.
8045	Guthrie, William	15, Beresford Gardens, Leith, Edinburgh, 6.
5922	Gyles, Edward	c/o Messrs. Plenty & Son, Ltd., Eagle Iron Works, Newbury, Berks.
8376	Hadley, Richard Ernest	"Portman", Church Road, Penarth, Glam.
7006	†Hagan, Alfred Nicholas	
6449	Hagan, John Louis	7, Iolanthe Terrace, South Shields.
8919	Haggarty, James Allan Rodger	33, Mons Avenue, Hebburn, Co. Durham.
4473	Haines, Charles Herbert	64, Aragon Road, Morden Park, Surrey.
7723	Haining, William Mortimer	T.s.m.v. <i>Eastern Prince</i> , Pier 4, Bush Docks, Brooklyn, N.Y., U.S.A.
5964	Hair, David	24, Elie Street, Dowanhill, Glasgow.
7406	Halder, Richard	23, Beechwood Avenue, Milton Regis, Sittingbourne, Kent.
8291	Hales, Ralph Hamilton	142A, London Road, Kingston, Surrey.
6301	Hall, Charles E.	Government Surveyor's Office of Shipping, Singapore, F.M.S.
8389	Hall, Ernest Alfred	"Thistleton", 188, Leasowe Road, Wallasey, Cheshire.
8863	Hall, Frederick Edw.	30, Lenmore Avenue, Grays, Essex.
6648	Hall, Henry R. Engr.-Com'r., R.D., R.N.R.	"Ceanothus", Tranby Lane Corner, Beverley Road, Anlaby, Hull.
5747	Hall, James	10, Stanley Terrace, Warren Street, Saville Town, Dewsbury, Yorks.
6836	Hall, James Douglas	Chief Engr. m.v. <i>Corbis</i> , c/o Anglo-Saxon Petroleum Co., St. Helens Court, London, E.C.3.
3449	Hall, John Percy	4, Lloyd's Avenue, Fenchurch Street, E.C.3.
4783	Hall, Lancelot	"Glensk", 5, Cudby Street, Lower Hutt, Wellington, New Zealand.
6734	Hall, Richard	Supt. Engr., Bibby Line, Martin's Bank Buildings, Water Street, Liverpool.
2865	Hall, Robt.	Harbour Office, Hong Kong.
5794	Hall, Russell D.	Arundel Crescent, Surrey Hills, Victoria, Australia.
4584	Hall, Sydney	88, Albert Road, Ilford, Essex.
5366	Hall, Thomas	13, Poplars Road, Linthorpe, Middlesbrough.
3174	Hall, Wm. Victor	Engineering Dept., Car and General Insurance Corpn., Ltd., 83, Pall Mall, S.W.1.
7598	Hallett, George Noel	"Hagley", Colwall, Nr. Malvern, Worcs.
8340	Hallewell, George	"Bronte", Empingham Road, Stamford, Lincs.
7227	Halliday, John Common	67, Archer Street East, High Howden, Northumberland.
6089	Halliday, Wilfred Wm.	"Glenhurst", Thrupp, near Stroud, Gloucestershire.
7747	Halsall, Harry	Balantyne Road, Chittagong, India.
7665	Hambling, Stewart Henry, Major	"Heathfield", Plymstock, Plymouth.
7017	Hamilton, Colin McTaggart	c/o Port Captain, Port Office, Port Elizabeth, S. Africa.
3905	Hamilton, Herbert	162, Wallasey Road, Wallasey, Cheshire.
8201	Hamilton, James	10, Dudley Drive, Glasgow, W.2.
3954	Hamilton, Wm. (Vice-President)	26, Mosley Street, Newcastle-on-Tyne.
5907	Hamley, Fredk. J.	33, First Avenue, Acton Vale, W.3.
4151	Hamlyn, Wm. T.	c/o Dr. Haig, 4, Graham Road, Dalston, London, E.8.
2598	Hammond, John C.	7, Irvan Avenue, Marsh Road, Saltburn-by-Sea, Yorks.
3814	Hampshire, Charles James	Messrs. Matthew Keenan & Co., Armagh Works, Tredegar Road, Bow, E.3.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
7753	Hanley, James	c/o Cape Technical College, Longmarket Street, Cape Town, S. Africa.
8227	Hanlon, Michael Joseph	789, Boulevard East, Weehawken, New Jersey, U.S.A.
6889	Hannah, Ralph Abercrombie	"Dunedin", Melrose Road, Galashiels.
7734	Hannen, James Thomas	Dapitan, Zamboanga, Mindinas, Philippine Islands.
4030	Hansen, Leighton B.	17, Wilson Street, Surrey Hills, E.10, Melbourne, Victoria, Australia.
6209	Hansen, Paul	Aalborg Vaerft A/S, Aalborg, Denmark.
8263	Hanson, Arthur William	"Dawn Hill", Civil Lines, Mandalay, Burma.
3895	Harborne, Herbert	81, Cromwell Road, Grimsby.
3087	‡Harbottle, Joseph (Vice-President)	Lloyd's Register of Shipping, 95, Bothwell Street, Glasgow.
4512	Hardie, Arthur	27, Brechin Place, London, S.W.7.
8119	Harding, Arthur James	S.s. <i>British Lord</i> , c/o British Tanker Co., Ltd., Britannic House, Finsbury Circus, E.C.2.
5661	Harding, John J.	District Mechanical Engineer and Plant Officer, South Indian Railway, Golden Rock, Trichinopoly, India.
6312	Harding, Stanley	9, Highbury, Monkseaton, Northumberland.
8264	Harding, William	c/o J. Brown & Co., Ltd., Clydebank, Glasgow.
6689	Harding, William Robert	"St. Helen's", 13, Woodmancote Road, Milton, Southsea, Hants.
6660	Hardy, Benjamin.	Superintendent Engineer, The Silver Line, Ltd., c/o Graham Trading Co. (India), Ltd., 6, Lyons Range, Calcutta.
7036	Hardy, Joseph	Chief Engineer, <i>Monarch of Bermuda</i> , Pier 95, North River, New York, N.Y., U.S.A.
5694	Hardy, Philip	"Dunelm", Bluebell Hill, near Rochester, Kent.
7995	Harlow, Vincent Leonard	5, Park Street, Wollongong, N.S.W., Australia.
6445	†Harman, Leslie George Youldon	
6955	Harms, Donald	c/o The United Scottish Insurance Co., Ltd., 208, Market Street, Aberdeen.
6103	Harnett, Arthur N.	c/o Insurance Engineers Ltd., Bank Buildings, 4, High Street, Maid- stone, Kent.
2494	Harold, H. F. Engr. Com'r., R.N.	Sandy Lodge Way, Northwood, Middlesex.
4492	Harper, John Wm.	141, Downton Avenue, Streatham Hill, S.W.2.
5422	Harrington, Walter Allan (Vice-President)	Office of the Resident Engineer, Government Dockyard, Dawbong, Rangoon, Burma.
8360	Harris, Charles George	27, Hill View, Henleaze, Bristol.
4679	Harris, Colin H.	"Tremorden", Green Lane, Purley, Surrey.
3454	Harris, David Jas.	"Cardonald", Crest View, Pinner, Middlesex.
4618	Harris, Wm. T.	c/o Bale Sons & Co., Ltd., 98 Bath Road, Bridgwater, Somerset
5642	Harrison, Alfred	6, Dulverton Avenue, South Shields.
7280	Harrison, Frederick William Rees	Newport Technical College, Newport, Mon.
5859	Harrison, J. Hope Engr. Rear-Admiral, ret.	1, Hermitage Road, S.E.19.
6590	Harrison, Samuel J.	c/o Port Captain's Office, Point, Durban, South Africa.
8458	Harrison, William Bell	104, Holywell Avenue, Monkseaton.
8361	Harrow, Reginald Victor	40, Kingswood Drive, Crosby, Liverpool.
6749	Hart, Ivor Keith	c/o Gray Mackenzie & Co., Ltd., Busreh, Iraq.
3266	Harte, Herbert M.	Holland House, 1, Bury Street, E.C.3.
5070	Hartley, Frank Ridgard	B.o.T. Surveyors' Office, James Watt Street, Glasgow, C.1.
3606	Hartridge, H. J.	190, 81st Street, Brooklyn, New York, U.S.A.
8660	Harvey, Frank Richard	Chief Engineer, <i>Highland Patriot</i> , c/o Royal Mail Steam Packet Co., 23, Tidal Basin Road, London, E.16.
2624	Harvey, Fredk.	7, Braidholm Road, Giffnock, Glasgow.
3072	Harvey, John B. (Vice-President)	"Tamaroa", Culver Way, Yaverland, Sandown, I.o.W.
8446	Harvey, Oliver Thomas	1, Chessel Crescent, Bitterne Park, Southampton.

† Address wanted.

‡ Denny Gold Medallist, 1929.

MEMBERS.

NO.	NAME.	ADDRESS.
7374	Harvey, Ralph	"Eastgate", Bexley Road, Eltham, S.E.9.
5919	Harvey, Richard A.	Office of the Inspectors of Boilers and Machinery and Engineer Examiners, Dept. of Public Works, P.O. Box 5158E, St. John's, Newfoundland.
7829	Harwood, George Edward	85, Arncliffe Gardens, West Hartlepool.
6379	Hassirdjoglou, Telemaque C.	Cyncoed House, Cyncoed, Cardiff.
4260	Hastings, J. Bartle	13, Regents Park Road, Southampton.
8141	Hatcher, Ernest Charles	"Instow", Woodside Road, Northwood, Middlesex.
6708	Hawkins, Alfred John Haynes	"Dalfre", St. Giles Avenue, Scarthoe, Grimsby.
8613	Hawkins, John	375, Leasowe Road, Wallasey, Cheshire.
6	Hawthorn, J. G.	75, Capel Road, Forest Gate, E.7.
5148	Hay, Alexander	4th Engineer, m.v. <i>Circe Shell</i> , c/o Anglo-Saxon Petroleum Co., St. Helen's Court, Leadenhall Street, London, E.C.3.
6744	Hay, Charles	6, Sunnyside Road, Aberdeen.
6839	Hay, Frank	11, Prestwood Road, Pendleton, Manchester.
7569	Hay, G. Gordon	Assistant Mechanical Engineer, Port Commissioners, Rangoon.
8548	Hay, Robert	45, Netherhill Avenue, Netherlee, Glasgow, S.4.
8681	Hayhurst, George Alfred	5, Kinlet Road, Plumstead, London, S.E.18.
2953	Hayles, William	"Devanden", Chepstow Road, Newport, Mon.
7688	Haythornthwaite, Thomas	55, Cavendish Drive, Rock Ferry, Cheshire.
6663	Hayward, Albert Douglas	Flat 5, 13, Lee Terrace, Blackheath, S.E.3.
6017	Hayward, Charles Henry Geo.	"Moordene", Brabourne Rise, Beckenham, Kent.
5258	Hayward, Sidney G.	Box 683, G.P.O., Lagos, Nigeria.
8265	Hazlewood, Alfred Ernest	20, Tullimore Road, Mossley Hill, Liverpool.
6111	Hearnden, Harry Edward	29, Chalgrove Crescent, Claybury Park Estate, Ilford.
6664	Heath, Alfred	18, Hasborough Road, E. Cliff, Folkestone, Kent.
6034	Heath, Fred. Charles McKeig	Hull Corporation Waterworks, Mill Dam, Cottingham, E. Yorks.
3176	Heck, Wm. Dennis, B.Sc. (Vice-President)	c/o Lloyd's Register of Shipping, 71, Fenchurch Street, E.C.3.
6326	Hedley, Christopher John	"Beaconsfield", 46, Croydon Road, Waddon, near Croydon, Surrey.
8526	Heggie, William Houston	Asst. Supt.-Engineer, Indo-China S.N. Co., Ltd., 18, Pedder Street, Hong Kong.
7060	Helm, Alistair Ivison	80, Greenhill, Hampstead, N.W.3.
8390	Helm, George Mewse	37, North Bridge Street, Sunderland.
4678	Helyer, Rodney L.	63, Riverview Park, Catford, S.E.6.
4952	Hemmings, Sidney Dawes	34, Beechwood Road, Swansea.
7810	Henderson, James Alexander	Bath House, Helensburgh, Dumbartonshire.
2811	Henderson, James	Queensland Insurance Co., Queen Street, Brisbane, Queensland, Aus.
6229	Henderson, James Roberts	c/o Insurance Engineers, Ltd., 51-55, Mortimer Street, London, W.1.
7880	Henderson, John	c/o British Engineers' Club, 15a, Kyd Street, Calcutta.
6479	Henderson, John Malcolm	2, Queens Crescent, Lincoln.
5983	Henderson, Joseph	7, Ellesmere Road, Eccles, Lancs.
7786	Henderson, Magnus William	"Stronsa", Bishopston, Swansea.
2057	Henderson, Wm. Engr.-Lieut., R.N.R.	209, Wallasey Road, Wallasey, Cheshire.
4791	Henderson, Wm. G. N.	"The Woodlands", Beulah Hill, Upper Norwood, London, S.E.19.
6156	Henriques, Wilfred Quixano	Fenton House, 112/3, Fenchurch Street, E.C.3.
2560	Henry, J. W.	"Cressington", Tydraw Road, Roath Park, Cardiff.

MEMBERS.

NO.	NAME.	ADDRESS.
8609	Hepton, George S.	29, Norland Avenue, Hull, Yorks.
5510	Herald, Hugh McKay Stewart	2nd Avenue, Wilston, Brisbane, Queensland, Australia.
2202	Heron, A. C. (Vice-President)	Lloyd's Register of Shipping, 4, Bridge Street, Sydney, New South Wales.
3066	Heron, George	"Birkhall", 1, Havelock Street, Helensburgh, Scotland.
6569	Heron, John A. H.	37, Iver Lane, Iver, Bucks.
6202	Herron, Wm. A.	56, Vicar Street, Falkirk.
4794	Heslop, Francis	Coed Cae, Risca Road, Newport, Mon.
6256	Hetherington, H. J.	21, St. Mildred's Road, Lee, S.E.12.
4440	Hetherington, T.	"Allways", Motcombe, Shaftesbury, Dorset.
7410	Heughan, Robert Douglas	"Dun Ard", 65, Cornelius Drive, Pensby, Wirral, Cheshire.
7585	Hewitt-Hayman, Sydney	28, Willow Hey, Maghull, Lancs.
5165	Hicks, William F.	Black Moss Lane, Aughton, Nr. Ormskirk.
3673	Hiddleston, Sam.	77, Ruskin Road, Carshalton, Surrey.
1193	Higgins, A.	21, Orchard Street, Portman Square, W.
7744	Higgs, Henry Alan Engr. Com'r., R.N.	H.M.S. <i>Kenya</i> , at A. Stephen & Sons, Ltd., Linthouse, Govan, Glasgow.
8117	Hildrew, Alexander William, B.Sc.	Acton Technical College, Acton, W.3
7892	Hill, George William	"Calumit", Rawcliffe Road, Goole, Yorks.
5974	Hill, Gerald Dudley, O.B.E.	Vacuum Oil Co., Kembla Buildings, Margaret Street, Sydney, N.S.W.
3125	Hill, James B.	c/o Stewarts & Lloyds, Ltd., Winchester House, 100, Old Broad Street, E.C.2.
7378	Hill, Walter Scott Engr. Rear-Admiral	40, Broadway, Westminster, S.W.1.
3103	Hill, Wm. Cowan	Ho-Hong Oil Mills, Ltd., 315, Havelock Road, Singapore, S.S.
7142	Hilson, James Renwick Leslie	The New Zealand Refrigerating Co., Ltd., Picton, N.Z.
5933	Hilton, George Maxwell Brooke	Heenan & Froude, Ltd., Terminal House, 52, Grosvenor Gardens, London, S.W.1.
5212	Hinchcliffe, W.	Ellerman Engine Works, Holme Street, Liverpool.
6890	Hirschfeld, Sidney Beckett	"The Paddocks", Birling Road, West Malling, Kent.
6211	Hislop, Wm. John	27, Gyllyngdune Gardens, Seven Kings, Essex.
7397	Hitchings, Cleopas William	c/o Port Captain, Capetown.
4762	Hoare, Horace J.	70, Old Broad Street, E.C.2.
8764	Hobart, Henry Joseph	22, Oxford Road, Bootle, Liverpool.
4934	Hobbs, Douglas A.	"Cromdale", Windlesham Road, Shoreham-by-Sea, Sussex.
8292	Hobbs, John Frederick	83, St. James Road, Shirley, Southampton.
7438	Hobling, John Clifford	6, King Edward Road, Bedford.
7107	Hobson, Samuel	15, Denwick Terrace, Tynemouth, Northumberland.
5345	Hobson, William	St. Kitts, Cradley, Malvern.
8310	Hockey, Bernard	"Brundah", 344, Sydney Road, Balgowlah, Sydney, N.S.W.
7776	Hodge, Frederick Charles	Chief Engr., R.M.S. <i>Lochmonar</i> , c/o Royal Mail Lines, Ltd., Swansea.
3224	Hodge, John Richard	Pentire Cottage, Lonsdale Road, Dorking, Surrey.
8178	Hodges, Arthur Henry	37, Dursley Road, Shirehampton, Bristol.
6987	Hodgson, Bryan Engr. Lieut.-Com'r., R.N., ret.	British Corporation Register, Billiter Buildings, 49, Leadenhall Street, E.C.3.
4498	Hodgson, W. H.	25, Darwin Road, Southampton.
4233	Hodson, Fredk. Jas.	20, First Avenue, Newhaven, Sussex.
4774	Hoes, William E.	120, Farnaby Road, Bromley, Kent.
5710	Hogg, Frederick S.	6, Braeside, Sunderland.
5873	Hogg, John	20, Compton Avenue, Gidea Park, Essex.
8320	Hogg, Mark Moody	"Westcombe", 261, Sunderland Road, South Shields, Co. Durham.
5673	Hogg, Stewart (Member of Council)	"Ailsa", 43, Suffolk Road, North Harrow, Middlesex.

MEMBERS.

NO.	NAME.	ADDRESS.
6953	Hogsdon, Arthur Frederick	38, Albert Road, North Woolwich, E.16.
6845	Holcroft, John Stephen	100, Hayes Lane, Bromley, Kent.
7503	Holden, James Peter	"Grassmere", Lincoln Drive, Wood Lane, Timperley, nr. Manchester.
8020	Holdway, Sydney	Redloh House, Fulham Gas Works, Sands End Lane, S.W.6.
6067	Holliday, Peter A.	73, Fitzroy Avenue, Harborne, Birmingham.
2583	Hollins, G. O. Engr.-Lieut.-Com'r., D.S.C., R.N., ret.	16, Littlejohn Road, Orpington Garden Village, Kent.
8702	Holloway Frank F.	"Rosewell", Meliden Road, Penarth, Glamorganshire.
7755	Holly, Robert John Walter	50, Lissenden Mansions, Highgate Road, N.W.5.
8321	Holman, Leslie Jack	Inspir. of Machinery & Surveyor of Ships, Mar. Dept., District Office, 3rd Floor Maritime Bldgs., Customhouse Quay, Wellington, N.Z.
6656	Holman, William Frank	Matlock Lodge, St. Lukes Road, Torquay, S. Devon.
7653	Holmes, Robert Arthur	29, Tavistock Avenue, St. Albans, Herts.
5895	Holmes, Thomas E.	20, Claremont Avenue, Sunbury-on-Thames, Middlesex.
5117	Holness, W. S.	39, Leysdown Road, Mottingham, S.E.9.
2089	Holt, Chas., D.Sc.	56, Coburg Street, Gateshead.
7960	Holt-Wilson, Daniel Shaw Lt.-Com'r. (E.), R.N.	Royal Naval Engineering College, Devonport, Devon.
5732	Homewood, Arthur Cook	22, Rectory Road, Barnes, S.W.13.
7673	Hood, John Edward Victor	89, Wansbeck Avenue, Cullercoats, Northumberland.
7171	Hood, Robert	2, Lake Rise, Romford, Essex.
7606	Hooper, William Humphreys	c/o The Institute.
7051	Hopes, Thomas	c/o Thornycroft (Singapore), Ltd., 200/204, Tanjong Rhu, Singapore, S.S.
6847	Hopkins, William Albert	25, Montreal Road, Ilford, Essex.
5759	Hopper, Robert A.	3, Carmel Road, Darlington.
6514	Hopwood, Joseph H.	58, Meadowbank Road, Anlaby Road, Hull.
8351	Horn, Edward George	9, Onby Gardens, Castlereigh Road, Belfast.
6816	Horn, John	"The Cottage", 38, Wood Lane, W.12.
5889	Horner, H. T. V. Engr. Sub-Lieut., R.N.R., ret.	"Deveron", Mayfair Avenue, Off Palmyna Road, Newlands, Cape Town, South Africa.
8345	Horsburgh, Douglas	1, New Cavendish Street, London, W. 1.
5323	Horsfield, George William	4, Earlsthorpe Road, Sydenham, S.E.26.
1803	Horsnell, D. T.	Matthew Keenan & Co., Ltd., Armagh Works, Tredegar Road, Bow, E.3.
8101	Horton, John Courtney Vaughan	43, Billiter Buildings, Billiter Street, E.C.3.
8472	Horton, William Ault	Messrs. Hean & Horton, P.O. Box 36, Point, Durban, S. Africa.
7583	Hosey, Lancelot Langan	The Association of Engineers, Singapore.
3077	Houldin, Hiram R.	"Mendip", Woodland Way, Kingswood, Surrey.
8362	Hoult, Aubrey Edmund	14, Winn Road, Lee, S.E.12.
6541	Houston, James H.	142, Ardington Road, Northampton.
3102	Houston, John (Vice-President)	Lloyd's Register of Shipping, Royal Bank Buildings, 28, Constitution Street, Leith.
7308	Houston, John Henry Somerset	"Brown Gables", Hartley Avenue, Monkseaton, Northumberland.
5375	Houston, Matthew Caldwell	10, Belgrave Road, Ilford, Essex.
1785	†Houston, P. T.	
8890	Houston, Robt. Paterson	92, Felbridge Avenue, Stanmore, Middlesex.
3036	Houston, Wm. C.	10, Belgrave Road, Ilford, Essex.
1858	How, H. G.	"Chellowdene", Kingston Road, Romford, Essex.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
8124	Howden, Ian Campbell Lieut.-Com'r. (E.), R.N.	H.M.S. <i>Gurkha</i> , Malta.
1854	Howe, H. L.	30, Lake House Road, Wanstead, Essex.
5379	Howells, Herbert Reid	29, Hoyle Road, Hoylake, Wirral, Ches.
1379	Howie, Jas.	c/o Thompson, Lewis & Howie, 88, Fenchurch Street, E.C.3.
7815	Hoy, William	The North Eastern Marine Engineering Co., Ltd., Wallsend-on-Tyne.
2350	Hudson, C. J.	Lloyd's Register of Shipping, Chesapeake and Ohio Railroad Terminal Building, Newport News, Virginia, U.S.A.
2400	Hudson, Chas.	61, Crystal Palace Park Road, Sydenham, S.E.26.
1338	Hudson, G. W. Engr. Rear-Adml., C.B., ret.	9, Whitwell Road, Southsea, Hants.
8114	Hudson, Gilbert Allen	17, The Groves, Chester.
6752	Huggan, Robert Elliott	"Smithfield", 124, Brownside Road, Cambuslang, Glasgow.
4702	Hughes, Edward M.	Consulting Engineer, Scottish House, Newcastle, N.S.W., Australia.
8346	Hughes, Ernest Dillon	"Glen Rosa", Hendre Road, Ashton Gate, Bristol.
6186	Hughes, Hywel I.	"Hallgarth", Bryanston Road, Prenton, Birkenhead.
7121	Hughes, Jas., Junr.	28, Old Farm Road, Great Crosby, near Liverpool.
4694	Hughes, Stanley C.	"Lanark House", Fairfield Road, Old Charlton, S.E.7.
1786	Hughes, Thomas	"Solway", Buarth Road, Aberystwyth.
2453	Hulbert, Walter	Chief Engineer, M.v. <i>Southern Cross</i> , Tulagi, British Solomon Islands.
5263	Hume, D. W.	Taikoo Sugar Refining Co., Ltd., Quarry Bay, Hong Kong.
3587	‡Humphreys, H. S. (Member of Council)	"Powerscourt", The Avenue, Gravesend.
7317	Humphreys, Henry R.	"Lezayre", Reservoir Road North, Prenton, Birkenhead.
6824	Hunn, John Alfred	28, King Edwards Grove, Teddington-on-Thames.
7570	Hunstone, Thomas Henry	"Galatea", Stream Road, Kingswinford, Dudley.
7978	Hunt, Eric George Maconachie	"Sunny Side", Low Street, West Tilbury, Essex.
6192	Hunt, Percy W. C.	"Gren-Oban", 40, Canberra Road, Bexley Heath, Kent.
8406	Hunt, Walter Oswald	Mines Office, Ipoh, Perak, F.M.S.
6352	Hunt, Wm. Francis	"Gleneagles", Stoke Road, Slough, Bucks.
3876	Hunter, Chas. N.	Lloyd's Register of Shipping, 97 & 98, Scottish Provident Buildings, Donegall Square West, Belfast.
1596	Hunter, E. L.	1, Sunnyside, West Hill, Gravesend, Kent.
4719	Hunter, Fredk. A.	10, Park View Gardens, Hendon, N.W.
2709	Hunter, H. Engr. Lt.-Com'r., R.N., ret.	"High Cottage", Kings Road, Wallsend-on-Tyne.
4845	Hunter, James	"Star House", 25, Kirkgate, Alloa, Scotland.
7756	Hunter, James Gilmour	B.I. Engineers' Club, 15A, Kyd Street, Calcutta.
8021	Hunter, John Knight	210, Victoria Way, Charlton, S.E.7.
2879	Hunter, Peter H. Engr. Lieut.-Com'r., R.N.R.	"The Anchorage", Millport, Buteshire.
2642	Hunter, Robt.	"Braidwood", 35, London Road, Stranraer, Scotland.
7833	Hunter, Robert	"Syndale", 42, Wallace Road, Loughborough, Leicestershire.
2240	Hunter, Summers C.B.E. (Past President)	The N.E. Marine Engineering Co., Ltd., Wallsend-on-Tyne.
2710	Hunter, Summers, junr. (Vice-President)	The N.E. Marine Engineering Co., Ltd., Wallsend-on-Tyne.
3751	Hunter, Wm.	5, Carillon Road, Ibrox, Glasgow.
8822	Hunter, William Edwin	5, Selwyn Avenue, N. Ferriby, E. Yorks.
4445	Hunter, Wm. P. (Vice-President)	Robert Gordon's Technical College, Aberdeen.
6582	Huntly, James	44, Elmcroft Crescent, North Harrow, Middlesex.
7405	Hurley, George Holdsworth	30, Conygre Road, Filton, Bristol.
6564	Hurley, Herbert G.	c/o The Socony-Vacuum Oil Co., Inc., Dora Installation, Beirut, Lebanon, Syria.
7340	Hurley, Reginald Victor	55, Upland Road, Kelburn, Wellington, N.Z.
5276	Hutcheson, G. M.	Works Manager, The African Marine & General Engineering Co., Ltd., P.O. Box 120, Mombasa, Kenya Colony.

‡ Denny Gold Medallist, 1936.

MEMBERS.

NO.	NAME.	ADDRESS.
1694	Hutchings, Henry	12, Lockyer Street, Plymouth.
3764	Hutchinson, George H. M.	Messrs. George Gray & Hutchinson, Paragon Buildings, Paragon Square, Hull.
4010	§Hutchinson, G. R.	c/o Whitehall Technical Press, Ltd., 426/7, Grand Buildings, Trafalgar Square, London, W.C.2.
8063	Hutton, James	194, Station Road, Wallsend.
7897	Hutton, Thomas Halbert	Barassie Bank, Barassie, Nr. Troon, Ayrshire.
8266	Hyslop, James Cathcart Richmond	B.I. Engineers' Club, 15A, Kyd Street, Calcutta.
4194	Ibbetson, Willie W. S., B.Sc.	58, Norbury Cross, Pollard's Hill, Norbury, S.W.16.
8022	Imray, William Norman	18, Vanbrugh Fields, Blackheath, S.E.3.
5127	Imrie, William	"Tassagh", Cranmore Park, Belfast.
5931	Ingamells, B. P.	42, East Avenue, Benton, Forest Hall, Northumberland.
2070	Ingersoll, C. T.	c/o Cable and Wireless, Ltd., Electra House, Marine Branch, Victoria Embankment, W.C.2.
6563	Ingham, John F.	Ingham Bros., Imperial Motor Works, St. Andrew's Road, Exmouth, Devon.
7212	Ingham, Percy	Engineering Dept., 30, Moorgate, London, E.C.2.
6097	Inglis, James	2, Brenka Avenue, Ormskirk Road, Aintree, Liverpool.
5305	Inglis, John H.	"Oaklands", Chigwell Row, Essex.
2736	Inglis, Peter	195, Maple Avenue, Quebec, Canada.
6566	Ingold, Stacey R.	8, Williamson Avenue, Dumbarton.
5513	Ingram, Harry J.	c/o Messrs. Alexander Duckham & Co., Ltd., Duckham House, 16, Cannon Street, E.C.4.
7634	Ingram, Leonard Frank Lieut. Com'r. (E.), R.N.	5, Naval Terrace, H.M. Dockyard, Sheerness, Kent.
7429	Inkson, Thomas Stanley	31, Eden Vale, Sunderland.
2059	Inman, James	c/o Institute of Marine Engineers, 85/88, Minorities, E.C.3.
8688	Inman, William James Capt. R.E., ret.	St. Paul's Vicarage, Russell Street, Durban, S.A.
7777	Innes, William Geoffrey Smith	17, House o' Hill Gardens, Blackhall, Edinburgh, 4.
3424	Inson, Wm. Henry	119, Cambridge Road, Seven Kings, Essex.
7791	Irvine, James	1, Thomson Terrace, Montrose.
8006	Irvine, Nathan	45, Valencia Avenue, West New Brighton, Staten Island, New York.
7284	†Irving, Edgar Theodore	M.v. <i>Kistna</i> , c/o Boustead & Co., Singapore.
7262	Irving, Richard Henry	37, College Road, Maidstone, Kent.
4605	Irwin, Douglas W.	29, Great St. Helens, E.C.3.
1713	Irwin, E. B., M.B.E.	c/o Price & Sons, Priory Garage, High Street and Castle Street, Christchurch, Hants.
6008	Isaac, Albert B.	Room 74C, First Floor, Board of Trade, Gt. George Street, Westminster, S.W.1.
3634	Isaac, Gilbert J. (Vice-President)	4, Lloyd's Avenue, E.C.3.
4246	Ives, Bernard J.	
7862	Jaboolee, Framroze Kaikhushro	c/o P. F. Titina, Bottlewalla Villa, Sleator Road, Grant Road, Bombay, India.
4753	Jack, M. McM.	110, Belfield Street Ipoh, Perak, F.M.S.
3776	Jackman, A. B.	"Mountain Ash", Wavertree Road, South Woodford, Essex.
5205	Jackman, Aubrey Bridge, junr.	"Glendochart", Beresford Avenue, Trinity, Edinburgh.
3460	Jackman, A. E.	20, Wormwood Street, E.C.2.
2903	Jackson, Douglas H.	"Grey Garth", Hatching Green, Harpenden, Herts.
8179	Jackson, Edgar Allan Robinson	c/o Supt. Engr., Canadian Pacific Steamships, Ltd., North End Shed 25, Docks, Southampton.
6778	Jackson, Henry Edwin	"Anversville", 3, Strathmore Avenue, Beverley High Road, Hull.

† Address wanted.

§ Denny Gold Medallist, 1928.

MEMBERS.

NO.	NAME.	ADDRESS.
6405	Jackson, Herbert W.	"Vernon", Headstone Lane, North Harrow, Middlesex.
7287	Jackson, Robert	"Bona Vista", Janet Street, Five Dock, N.S. Wales, Australia.
5403†‡	Jackson, Sidney B.	
5576	Jackson, Thomas E.	Govt. Marine Surveyors Office, Hong Kong, China.
8443	Jackson, William Arthur Peters	c/o A. Taylor, 34, Princess Street, North Shields.
4773	Jacobs, Wm. F.	86, Aberdour Road, Goodmayes, Essex.
8064	Jaffrey, John Alan, M.Sc.	14, South Drive, Croyden Lane, Banstead.
6461	James, David Alan	92, Douglas Park Crescent, Bearsden, Glasgow.
1687	James, F. W. Eng'r. Lt.-Com'r., R.D., R.N.R., ret. (Vice-President)	"Larksmeade", Staveley Road, Eastbourne, Sussex.
4784	James, George Glanville	"Valetta," Caswell, Swansea.
7543	James, Hector Idris	30, Harbour Road, Barry, South Wales.
6732	James, John Ferdinand	Office of the River Transport Officer and Superintending Engineer, Mandalay-West, Burma.
7132	James, Thos. Glyn	Works Directorate R.A.F. Station, Ramleh, Palestine.
3513	James, Walter G.	22, Sandrock Road, Lewisham, S.E.13.
7415	Jameson, Henry James	"Loudenbank", Dumbarton, Scotland.
4346	Jamieson, Alex. Anderson	Anchorage, Rhu, Dumbartonshire.
7010	Jamieson, James A.	15, Ardgowan Street, Greenock.
8614	Jamieson, John	27, New Hall Lane, Preston, Lancs.
6876	Jaques, Cyril Leslie	"Sunnybank", Dartford Road, Hextable, Swanley, Kent.
1425	Jarvis, T. H.	39, Welbeck Avenue, Southampton.
6798	Jarvis, William Charles	Canadian National Steamships, Union Station, Halifax, Nova Scotia.
8322	Jasper, Alfred	"Blairgowrie", Fitzgerald Road, Wanstead, E.11.
6046	Jeatt, Douglas John W.	"Extons", Wootton Bridge, I.o.W.
5936	Jeffcoat, Archibald Hannon	16, Victoria Mansions, Queens Club Gardens, Kensington, W.14.
7480	Jefferson, Thomas	M.v. <i>Rosewood</i> , c/o John I. Jacobs & Co., Ltd., 15, St. Helens Place, London, E.C.3.
5852	Jefferson, Tom	Ferro Carril Central del Peru, Departamento de Locomotoras, Casilla 64, Callao, Peru.
7544	Jeffery, Arthur Wellesley	385, Mossspark Boulevard, Mossspark, Glasgow, W.2.
4240	Jenkin, Kirk A.	4, Derby Park, Rock Ferry, Cheshire.
4074	Jenkins, David	111, Maidstone Road, New Southgate, N.11.
7249	Jenkins, Garnet Edward	Board of Trade Surveyors' Office, Telephone House, Carliol Square, Newcastle-on-Tyne, 1.
4793	Jenkins, Lewis Wilfrid	64, Bancroft, Hitchin, Herts.
6924	Jenkins, Stephen Leonard Malachy Lieut.-Com'r. (E.), R.N.	H.M.S. <i>Manchester</i> , c/o G.P.O., London.
6776	Jennings, Noel Patrick	11a, Sandcliffe Road, Wallasey, Cheshire.
5292	Jennings, W. M.	21, Marksbury Avenue, Kew, Surrey.
6462	Jespersen, Halfdan Som- merfeldt	249, Queen's Road, Old Knighton, Leicester.
7677	Jett, George H.	649, Magie Avenue, Elizabeth, New Jersey, U.S.A.
1977	Jobling, A. F.R.A.S.	Messrs. Cammell Laird & Co., 3, Central Bldgs., Westminster, S.W.1.
7641	Johnson, Albert George	34, Beresford Avenue, Lower Bebington, Cheshire.
7447	Johnson, John	Brettenham House, Lancaster Place, Strand, W.C.2.
8682	Johnson, John Maurice	270, Court Road, Eltham London, S.E.9.
6927	Johnson, Philip Bulmer, B.A.	St. Peter's Works, Newcastle-on-Tyne.
7877	Johnson, Robert Ward	82, Leyland Road, Lee, S.E.12.
8703	Johnston, Chas. Wm.	"West Garth", 74, Cavendish Road, Ellesmere Park, Eccles.
7654	Johnston, Robert	15, Errol Road, Romford, Essex.
4632	Johnston, William	14, Clarendon Gardens, Ilford, Essex.
4646	Johnstone, Wm. E.	51, Pembroke Buildings, Swansea.

† Address wanted.

‡ Denny Gold Medallist, 1932.

MEMBERS.

NO.	NAME.	ADDRESS.
7112	Joiner, Alex. Dingwall	"Roodlands", 17, Crown Drive, Inverness.
7873	Jolly, James Stuart	55, Dens Road, Dundee, Angus.
8267	Jones, Albert	13, Ranfurly Road, Cressington, Liverpool, 19.
8549	Jones, Alfred Edgar	"Brunlea", 2b, Thorburn Road, New Ferry, Cheshire.
2203	† Jones, Arthur L.	
4588	Jones, Cyril Walter	c/o Asiatic Petroleum Co., Ltd., Manila, Philippine Islands.
8763	Jones, David Richard	Tyn Terfyn, Taly Bont, Conway, North Wales.
8065	Jones, Edward	38, Mount Grove, Birkenhead.
6162	Jones, Ernest Wm.	"Merland", Letchmore Road, Radlett, Herts.
5114	Jones, Evan	"Westmeath", Penglaise Road, Aberystwyth.
5705	Jones, F. M., B.Sc.	c/o Messrs. W. H. Allen, Sons & Co., Ltd., Queens Engineering Works, Bedford.
6233	Jones, Frank M. H.	2, Scotsdale Road, Lee, S.E.12.
7043	Jones, Frederick George Franklin	"Oakfield", 9, Casllwch Crescent, Newport, Mon.
8550	Jones, G. Fitzhowell.	c/o Anglo-Saxon Petroleum Co., Ltd., St. Helen's Court, Leadenhall Street, London, E.C.3.
2554	Jones, G. Lloyd	"Ruckley", Sandown Road, Esher, Surrey.
7350	Jones, Harold Frederick	572, Upper Brentwood Road, Gidea Park, Essex.
4210	Jones, Herbert G.	25, Ulverscroft Road, Coventry.
8268	Jones, J. Ivor	"Gwynfor", New Road, Glendale, Haverfordwest.
6371	Jones, Leslie	14A, Clark Street, Norwood, South Australia.
6062	Jones, Llewellyn I.	9, Westfield Road, Brockworth, Glos.
7524	Jones, Norman Frederick	116, Hayes Way, Beckenham, Kent.
4546	Jones, Owen R. Engr. Lieut.-Com'r., R.D. R.N.R.	22, Alderley Terrace, Holyhead.
5398	Jones, Paul C.	c/o Huilever S.A. (H.C.B.), Leopoldville, Belgian Congo.
7239	Jones, Percy Lewis B.Sc., Wh.Ex.	Swan, Hunter & Wigham Richardson, Ltd., Neptune Works, Walker, Newcastle-on-Tyne.
7961	Jones, Rice Parry	"Overdale", Colman Hill, Cradley, Staffs.
6647	Jones, Richard Henry	60, Atherley Road, Southampton.
6592	Jones, Robert L.	"Sandymona", Rhosneigr, Anglesey.
8796	Jones, Samuel	83, Tadworth Road, Cricklewood, London.
8594	Jones, Thomas Glyndon	85, Brooklands Crescent, Fulwood, Sheffield, 10.
2131	Jones, Walter C.	"Spa Walls", 318, Firtree Road, Epsom Downs, Surrey.
6471	Jones, Wilfred H.	"Bank Cottage", Vale Road, Whitby, Wirral, Cheshire.
7951	Jones, William Edgar	15, Ainsdale Road, Ealing, W.5.
6914	Jones, Wm. Henry	32, Bligh Street, Wavertree, Liverpool.
8578	Jones, W. J. Henton, Engr. Lieut.-Com'r., R.N.R.	"Barrymore", 291, Stand Lane, Radcliffe, Manchester.
2963	Jong, John de	c/o Messrs. Buck & Hickman, Ltd., 2/4, Whitechapel Rd., London, E.
2391	Jordan, A. E.	17, Battery Place, New York, U.S.A.
6277	Jordan, Edward J.	Buxton Road, Norbury, Hazel Grove, Cheshire.
7045	Jordan, Herbert James	29, Northumberland Avenue, Reading.
5492	Kahrs, Otto, Dipl. Ing.	Thomas Heftyestgt, 62, Oslo, Norway.
6376	Kamakura, Masawo	Lloyd's Register of Shipping, 32, Akashi-Machi, Kobe-Ku, Kobe.
7550	Karr, Robert Joseph	33, Ponsonby Avenue, Belfast.
5719	Kay, James McE.	50, Upper Bridge Street, Stirling.
6831	Kedzlie, John Evan	162, Mayplace Road East, Barnehurst, Kent.
3677	Keens, Alberto	144, Sheriff Street, West Hartlepool.
6253	Keer, Frederick K.	Aldringham, near Leiston, Suffolk.
7878	† Keith, Arnold Muir	
6430	† Keith, Hugh	
6112	Keller, Karl Otto	3, West Mount, Sunderland.
2936	Kelly, Cyril Hugh	20, South Close, Harrow Garden Village, Pinner.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
5656	Kemp, Abraham H. Major, R.A.O.C.	c/o Ministry of Defence, Bagdad, Iraq.
6434	Kemp, Alexander	Anglo-Iranian Oil Co., Ltd., Abadan, South Iran.
7893	Kemp, Hengest Hewlett	80, Wells Road, Bath.
8363	Kendall, Thomas Leth- bridge	40, Nettleham Road, Lincoln.
6227	Kennedy, Andrew Cecil Capt., R.E.(T.)	"Gala Bank", Broomleaf Road, Farnham, Surrey.
7023	Kennedy, Donald Stewart	10, Elmwood Avenue, Palmers Green, N.13.
8269	Kennedy, George Matheson	9, Tudor Court, Wellhall Road, Eltham.
6585	Kennedy, Hugh Q.	20, Edna Street, Dalkeith, West Australia.
5295	Kennedy, O. D.	"Talland Cottage", Dawes East Road, Burnham, Bucks.
7535	Kennedy, Robert Edward	The Khedivial Mail Line, Alexandria, Egypt.
5177	Kennedy, R. L.	c/o W. H. Smith, Esq., 11, Washington Terrace, North Shields.
1234	Kennedy, R. S. (Vice-President)	British Arc Welding Co., Ltd., Royal Albert Docks, E.16.
4376	Kent, John C. R.	"Maggiore", Wenallt Road, Rhiwbina, Cardiff.
5574	Kent, Leonard G.	7, Moorland Avenue, Clitheroe, Lancs.
3111	Kent, Samuel N. (Vice-President)	c/o Prince Line, Furness House, Leadenhall Street, E.C.3.
7161	Keppie, George Briggs	s.s. <i>Vasna</i> , B.I.S.N. Co., Ltd., Bombay.
8102	Kerr, Colin Ferguson	22, Woodcroft Avenue, Broomhill, Glasgow, W.1.
8364	Kerr, James Leslie	240, Greystones Road, Sheffield.
2192	Kerr, W.	"The Haven", Woodland Way, Bidborough, Kent.
4974	Kerr, William	97, Southwold Road, Ralston, Paisley, Renfrewshire.
5183	Kerr, William	"Dunheath", Oxford Road, Renfrew, Scotland.
5547	Key, Frederick F.	54, High Street, Maryport, Cumberland.
3834	Kidby, E. W. B. Major, O.B.E., R.E. (Vice-President)	"Wivenhoe", West Cross, Swansea.
8447	Kidd, Harold	26, Speedwell Road, Birkenhead, Cheshire.
7923	Kiell, Francis James	125, Christie Gardens, Chadwell Heath, Romford, Essex.
7683	†Kiellor, David	
7288	Kilgour, Hugh William	P.O. Box 493, Auckland, C.I., New Zealand.
7436	Kilty, Kevin Noel	c/o B.I. Engineers' Club, 15a, Kyd Street, Calcutta, India.
5986	Kimber, Horace Sidney George	101, Lodge Lane, Grays, Essex.
4095	Kimber, Walter	c/o Lloyd's Register of Shipping, Orchard Chambers, Church Street, Sheffield.
8683	Kincaid, Randal Grierson	Little Park, Ninefield, Sussex.
2051	King, B. N.	37, Linwood Road, Bournemouth.
8920	King, Frederick William	58, Elphin Crescent, Swansea.
6908	King, James Harold	85, Liberty Street, New York, U.S.A.
3265	King, John F.	"Adare", Blackrock Road, Cork, Eire.
2548	King, J. Foster, C.B.E.	14, Blythswood Square, Glasgow.
8579	King, Thomas John	7, Manor Road, Glasgow, W.4.
7757	Kingdom, Robert	Trinity House, Tower Hill, London, E.C.3.
8125	Kinghorn, John Eric	"Odtaa", 26, Gregory Street, Toowong, Brisbane, Australia.
6128	Kingston, Edgar O.	c/o Marine and Transport Department, The United Africa Co., Burutu, Nigeria.
5275	Kinley, John R.	Camomile Street Chambers, 36, Camomile Street, London, E.C.3.
3197	Kirk, Ernest	Shanghai Engineers' Club, Shanghai.
7165	Kirk, George Robertson	26, Donegall Park Avenue, Antrim Road, Belfast.
7800	Kirk, James	69, Kelvinside Avenue, Glasgow, N.W.
3645	Kirkaldy, Wm. H.	"Melville", Bede Street, Sunderland.
8580	Kirkbright, George Edmund	52, Gilstead Road, Singapore, S.S.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
4867	Kirkham, John A.	213, Southcoates Lane, Hull.
5963	Kirkman, Geoffrey Charles Aylward	"Thanet", York Avenue, New Milton, Hants.
4223	Kitching, Geo. W.	5/7, St. Mary Axe, E.C.3.
8891	Klitz, Hubert Henry	"Woodhay", Saxholme Dale, Bassett, Southampton.
2019	Kluge, Thos. E.	"The Glyn", West Cross, near Swansea.
7042	Knight, Frederick William	"Elmside", Bickley, Kent.
4089	Knight, George	27, Hamilton Terrace, Milford Haven.
6095	Knowles, Ed. Langley	Lloyd's Register of Shipping, Union Bank Chambers, 230, Chapel St., Salford 3, Manchester.
6009	Knowles, Thomas Wm. George	c/o Association of Engineers, Raffles Place, Singapore, S.S.
7618	Knox, Harry Leslie	"Holmdale", Beech Road, Oxley, Wolverhampton.
5567	Knox, Robert Marshall	Bryansburn East, Bangor, Co. Down.
5199	Korostovetz, Cyril	62, Beechcroft Road, Wandsworth Common, London, S.W.17.
7586	Kossick, David	Government Marine Surveyor's Department, Harbour Office, Hong Kong, China.
2750	Kverndal, B.	10, Kingswood Road, Shortlands, Kent.
3209	Kverndal, Olaf G.	9/10, Fenchurch Street, E.C.3.
8180	Kyffin, Edward	131, Fairfax Avenue, Hull, Yorks.
7553	Lacey, Ronald C.	45, Shirley Road, Cardiff.
2121	Laing, Geo. A.	Lloyd's Register of Shipping, Mersey House, Quai de Rouen, 1, Antwerp, Belgium.
7337	Laker, Robert Everard	Socony Vacuum Corporation, Shanghai, China.
2577	Lamb, D. P. Lt.-Col. I.W.T., R.E.	26, Essex Road, Gravesend, Kent.
4068	Lamb, John	17, Holywell Avenue, Monkseaton, Northumberland.
7562	Lamb, Richard	29, Beechwood Avenue, Monkseaton, Northumberland.
6028	Lamb, Robert	3, Oakhurst Terrace, Benton, Northumberland.
4761	Lambert, Edwin A.	1, Knowsley Road, Bootle, Lancs.
3313	Lambert, Wm. O. (Vice-President)	Harbour Office, Hong Kong, China.
6767	Lamont, Donald	Cochin Harbour Works, Cochin, S. India.
5053	Lamplough, Henry Edward	109/111, Montgomery Street, Birmingham.
7230	Lancaster, Edward Harry	City Chambers, 65a, Fenchurch Street, London, E.C.3.
1889	Lang, C. R., C.B.E.	Mowen, Newlands, Glasgow.
3553	Lang, Neil	c/o Douglas S.S. Co., Hong Kong.
7143	Lang, Robert	191, Boreland Drive, Knightswood, Glasgow.
2041	Lang, W. Veysey	"Green Pastures", Little Easton, Dunmow, Essex.
7445	Langdon, James	The Lodge, Swandean Hospital, Arundel Road, Worthing, Sussex.
8684	Langdon, John Egerton	56, Church Street, Toronto, Ontario, Canada.
8595	Langley, William Alfred	2nd Engineer, s.s. <i>Itinda</i> , c/o Messrs. Mackinnon Mackenzie, B.I.S.N., Co. Agents, Bombay, India.
6101	Langton, Audrey Richard	Vacuum Oil Co., Billiter Square Buildings, London, E.C.3.
2444	Lapper, R. G.	c/o Borrows & Co., Liddell's Buildings, Taku Rd., Tientsin, N. China.
4124	Lapsley, Claude C. Engr. Com'r., O.B.E., D.Sc., R.N.R., ret.	Casella Postale, 1449, Genoa, Italy.
5701	Larmuth, Reginald Stone Ashley, M.A.	Pym Gate House, Styal Road, Gatley, Cheshire.
6480	Latto, David	20, Doreen Avenue, Kingsbury, N.W.9.
4448	Laurie, Thomas	The British Corporation Register of Shipping and Aircraft, Pickford and Black's Wharf, Halifax, N.S.
6971	Laver, John William	82b, Belsize Park Gardens, N.W.
7593	Laverick, Thomas	3, Tunstall Terrace, Ryhope, Co. Durham.
6451	Law, Andrew Burnet	34, Netherby Road, Trinity, Edinburgh, 5.

MEMBERS.

NO.	NAME.	ADDRESS.
3151	Law, Edward H.	"Mardon", Shirley Drive, Hove, Sussex.
5810	Law, James Wm.	36, Kinlet Road, Shrewsbury Lane, Plumstead, S.E.18.
8066	Law, Stanley	77, East Towers, Pinner, Middlesex.
3329	Lawrence, H. P.	"Beaufort", 45, Corringham Road, Stanford-le-Hope, Essex.
4840	Lawrence, Robert	17, Rokeby Road, Abbotsford, Sydney, N.S.W.
5135	Lawrenson, R. S.	Inspr. of Boilers, Bengal, 5, Council House Street, Calcutta.
8067	Lawrie, Peter	c/o "Shipbuilding & Shipping Record", 33, Tothill Street, S.W.1.
6577	†Laws, William C.	
6042	Lawson, Hugh T.	"Springfield", Millport, Buteshire, Scotland.
2097	Lawson, James W.	c/o Jardine, Matheson & Co., Hong Kong.
5780	Lawson, K. C.	427, Barnley Lane, Chadderton, Oldham.
7458	Lawson, Marcus Philip Lt. (E.); R.N.	H.M.S. <i>Aurora</i> , at Portsmouth.
6012	Lawson, Thomas B.	10, Dunbar Street, Sunderland.
6922	Lawson, Wm.	13, Croft Avenue, South Shields.
5671	Lawton, Herbert J.	5, Bernard Avenue, East Cosham, Hants.
7830	Lazarus, Thomas John	"Graig Owen", Llanbedrgoch, Anglesey, Wales.
7292	Lea, Harry	"Wood Sorrel", Poplar Drive, Penwortham, Preston.
6220	Leaity, Harold	"Trefusis", Argyle Avenue, Westbrook, Margate.
7140	Leathley, David Cyril	11, Russell Terrace, Bean Street, Hull.
2547	Ledger, A. H.	"Eynesbury", Dalmore Avenue, Claygate, Surrey.
5702	Ledingham, J. E.	4, Douglas Avenue, Giffnock, Glasgow.
4521	Lee, George William	Wallarrah Coal Co., Ltd., Kembla Buildings, Margaret Street, Sydney, N.S.W.
5778	Lee, John	114, Clive Road, Cardiff.
8068	Lee, Robert	92, Montpelier Park, Edinburgh, 10.
7274	†Lee, Thomas Stirling Lt. (E.), R.N., ret.	
6195	†Lee, Yung Cheng	
6027	Lees, Eric James Rutherford	"White House", Kingsway Drive, Knock, Belfast, N. Ireland.
6054	Lees, Henry W.	c/o Navigation & Lighthouses Service, Customs House, Sydney.
6594	Lees, John Wilson	"Choques", Strathaven Road, East Kilbride, Glasgow.
8069	Legg, Albert James	12, Dunblane Avenue, Belfast.
6649	Leicester, John W.	Lloyd's Register of Shipping, Union Bank Chambers, 230, Chapel Street, Salford, 3, Manchester.
6075	Leinster, Thos. Archibald	59, Fellows Street, Kew, Melbourne, Victoria, Australia.
7353	Leitch, Dugald	9, Cartvale Road, Langside, Glasgow.
7423	Leivesley, Herbert Gladstone	Marine Department, Metropolitan-Vickers Electrical Co., Ltd., Trafford Park, Manchester.
3836	‡Le Mesurier, L. J.	c/o Anglo-Persian Oil Co., Ltd., Britannic House, Finsbury Circus, E.C.2.
7738	Lenfest, Harold Churchill	30, Robin Hill Road, Scarsdale, New York, U.S.A.
8628	Lennon, Philip Michael	85, Balliol Road, Liverpool, 20.
6855	Le Roux, Bernard	42, Ventnor Gardens, Barking, Essex.
5142	Lesley, Frank H.	"Ashford", Innerbrook Road, Chelston, Torquay.
7983	Leslie, James Alexander	2, Hayswell Road, Arbroath, Scotland.
2074	Le Sueur, L.	101, Leadenhall Street, London, E.C.3.
7389	Lethbridge, Frank Noel	Woodcote, Shere, Surrey.
2245	Lewis, Charles Victor	Power Station Superintendent, Messrs. T. Firth & J. Brown, Ltd., Sheffield.
7329	Lewis, James	257, The Broadway, Cullercoats, Northumberland.
3611	Lewis, Jas. W. L.	"Dalscon", Belmont Park Avenue, Maidenhead.
7267	Lewis, James Wright	36, Lothair Avenue, Belfast, Ireland.
7571	†Lewis, John David	
7806	Lewis, Reginald Emlyn Becket	"Waldrist", Arle, Cheltenham, Glos.
4076	Lewis, Wm. H.	"Larchmore", St. Isan Road, Heath, Cardiff.

† Address wanted.

‡ Denny Gold Medallist, 1922.

MEMBERS.

NO.	NAME.	ADDRESS.
6597	Liddell, Robert R.	1380, Nanton Avenue, Vancouver, B.C.
5307	Liddle, R. Arthur	"Glenalmond", Derby Road, Woodford, E.18.
8495	Liebman, Henry Donald	7, Village High Road, Vacluse, Sydney, N.S.W., Australia.
6431	Lieshout, Christianus	Manager, Tank Installations, De Bataafsche Petroleum Co., 5, Badhuisweg, Amsterdam.
5333	Lillie, Brian M.	408, Second Street East, North Vancouver, B.C.
8596	Lillywhite, Sidney Arthur	13, Park Mansions, Colehill Lane, Fulham, S.W.6.
3684	Lindley, Frank R.	45, Murray Road, Northwood, Middlesex.
3186	Lindsay, John	32, Forfar Avenue, Cardonald, Glasgow, S.W.2.
7854	Lindsay, Stuart Murray	11, Harvey Road, Wallasey, Cheshire.
4643	Linn, Duncan C.	c/o The Barkston Motor Co., Ltd., 244, Earl's Court Road, S.W.5.
7519	Linsdell, Frederick John	31, Windermere Avenue, Merton Park, London, S.W.19.
8797	Liscombe, Herbert Murray	c/o New Zealand Shipping Co., Ltd., 138, Leadenhall Street, London, E.C.3.
2764	Lisle, T. Orchard	3, Savoy Place, Victoria Embankment, W.C.2.
8142	Lister, Cyril George	88, Highfield Lane, Southampton.
6832	Liston, Alex. Graham	10, Twyford Avenue, Southampton.
5568	Littler-Powell, A.	Shell Oil Co. of Hellas, Ltd., 18, Lycourgos Street, Athens, Greece.
7894	Liversage, John	"Buena Vista", Whinmoor Road, Liverpool, 12.
6755	Livesey, Norman	6, Melrose Avenue, Monkseaton, Northumberland.
2119	Lloyd, R. D.	"Bryn", Purley Rise, Purley, Surrey.
3688	Lloyd, Wm. P.	20, Gt. Darkgate Street, Aberystwyth.
4476	Loader, E. A.	132, Portway, Sea Mills, Bristol.
8151	Loader, Edward John	"Mostyn", Brighton Avenue, Wigston Fields, Leicester.
7841	Lock, Samuel Spencer	44a, Hunt Road, Durban, South Africa.
4932	Lockhart, Henry	Chief Engineer, T.s.s. <i>Awatea</i> , Union House, 247, George Street, Sydney, N.S.W.
6279	Lockhart, James S.	43, Strathfield Gardens, Faircross, Barking, Essex.
7842	Lockhart, Robert	Lloyd's Register of Shipping, Glen Line Building, 2, Peking Road, Shanghai.
5152	Lockwood, F. H.	"Ellesmere", Clifton Road, Shirley, Southampton.
5066	Logan, Alexander	17, The Close, Rayners Lane, Pinner, Middlesex.
8133	Logan, James Cameron	Shipping Department, Anglo-Iranian Oil Co., Ltd., Abadan, Persian Gulf.
2768	Logan, Robert L.	"Crossford", Baring Road, Southbourne, Hants.
8633	Logan, Robert Millar	2222, Alma Road, Vancouver, B.C., Canada.
8041	Logie, George McPherson	19, Windsor Road, Rangoon, Burma.
7644	London, John Thomas	"The Nook", Medina Road, Little Thurrock, Essex.
7323	Longfield-Jones, Owen	Treddaniel Farm, Holyhead, Anglesey.
4123	Longmuir, Thos. W.	"Crosby", Baring Road, Lee, S.E.12.
4434	Longo, Albert S.	"Melita", 26, High Beeches, Chelsfield.
7597	Lording, Alan Woodruff	c/o A.I.M.E., O.K. Buildings, Queen Street, Brisbane, Queensland, Australia.
8765	Lorimer, Ian McKenzie	2, Thornlea Drive, Giffnock, Glasgow.
6316	Love, Frederick E.	c/o Messrs. A. Holt & Co., Water Street, Liverpool.
7238	Lovell, George	36 Wymersley Road, Willerby Road, Hull.
4070	Loveridge, Arthur W. B.Sc. (Vice-President)	"Bryntirion", Mill Road, Lisvane, near Cardiff.
7393	Loveridge, William Edmonds	"Langton", Seaton Carew, West Hartlepool.
6448	Low, David W.	55/61, Moorgate, London, E.C.2.
1988	Low, Jas. G.	1B, Grand Parade Mansions, Southwood Lane, Highgate, N.6.
5745	†Low, John Russell	
4982	Lowdon, Ivor Llewellyn	44, Victoria Park Road East, Cardiff.
3492	Lowe, Richard	Association of Engineers, Singapore.
8551	Lowery, Charles Gray	3, Handsworth Drive, Great Barr, Birmingham.
4091	Lowrie, John C.	"Abbotshall", 48, Hall Lane, Upminster, Essex.
5935	Loyd-Jones, Edward	c/o The Institute.
6177	Lucas, Ernest H.	1A, Murray Street, Elsternwick, Melbourne, Victoria, Australia.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS
7595	Luckenbach, John Lewis (Vice-President)	24, Old Slip, New York City, U.S.A.
4283	Luff, Fredk. Wm.	Hill Crest Road, Newhaven, Sussex.
4200	Lumsden, Innes G.	10, Whitehall Road, Aberdeen.
5254	Lumsdon, W.	Supt., Messrs. Elder Dempster & Co., Millwall Dock, E.14.
4522	Lund, Bernard W.	5, Avenue Gardens, Teddington, Middlesex.
7101	Lund, Horace	Assistant Engineer, Wilts. United Dairies, Chard Junction, Somerset.
7670	Lundequist, Gösta Evald Andreas	c/o Kockums Mek. Verkstads A.B., Malmö, Sweden.
1561	Lyddon, R. B.	"John o' Groats", The Island, Thames Ditton, Surrey.
7204	Lyon, James	34, Claremont Crescent, Millbrook, Southampton.
8373	Lyons, John William	104, Longlands Park Crescent, Sidcup, Kent.
6797	Lyons, William	42, Spii Road, Mosman, Sydney, New South Wales.
5339	MacAdam, Robert	"Ard Choille", 15, Northwick Circle, Kenton, Middlesex.
5908	MacBean, Lewis D.	British Corpn. Register of Shipping & Aircraft, 404/6, Excelsior Life Building, 36, Toronto Street, Toronto 2, Ontario.
8704	MacCallum, Alexander	Ladang Geddes, Bahau, Negri Sembilan, F.M.S.
4814	MacCallum, John	"Ianmyo", Cardross, Dumbartonshire.
6531	MacColl, Hector F.	c/o James Maxton Co., 49, Victoria Street, Belfast.
8921	Macdonald, Alexander	34, Glasgow Road, Rutherglen, Lanarkshire.
8196	Macdonald, Charles	15, Benwell Hill Road, Fenham, Newcastle-on-Tyne, 5.
1932	MacDonald, J.	13, Drayton Gardens, Winchmore Hill, N.21.
8552	Macdonald, John E. C.	19, Niton Street, Fulham, S.W.6.
4141	Macdonald, Norman C.	Marine Branch, Commonwealth Navigation Service, Customs House, Sydney, Australia.
7962	Macdonald, Ronald Alexander	"Sherwood", 175, Hadleigh Road, Leigh-on-Sea, Essex.
7612	MacFarlane, David Arthur	c/o Lloyd's Register of Shipping, 2, Peking Road, Shanghai.
3115	MacFarlane, James	2, Jane Street, Bellahouston, Glasgow.
5655	Macfarlane, L. A.	c/o Butterfield & Swire, Hong Kong.
2876	Macfarlane, Wm.	Ascog Ville, Cardross Road, Dumbarton.
8880	Macfarlane, Wm. Henry	11, The Terrace, Grosvenor Street, St. Helier, Jersey, C.I.
3061	MacFarquhar, James	11, Fairfield Road, Bromley, Kent.
7024	MacGregor, Stewart Alistair	"Cromdale", Arkley, Herts.
	Lieut. (E.), R.N.	
6358	MacGregor, Thomas A.	c/o Lago Shipping Co., Aruba, D.W.I.
7689	Macintosh, James Levie	c/o Duncan, 29, Bentinck Street, Glasgow, C.3.
8749	Macintyre, Alexander	c/o Mrs. A. McGrouther, 24, Highfield Drive, Carolside Park, Clarkston, Renfrewshire.
6139	Macintyre, John D.	17, Kenners Dene, Tynemouth, Northumberland.
4222	MacIver, Harry I.	44, Chapel Street, Liverpool.
5394	Mackay, Bruce	12, Rosedale Avenue, Great Crosby, Liverpool.
6659	Mackay, John	Collie Power Co., Collie, W. Australia.
6236	Mackay, Norman John Gillespie	c/o Cooper, Allen & Co., Cawnpore, India.
7193	MacKechnie, Alexander	1, The Oatlands, West Kirby, Cheshire.
7518	Mackegg, Harold	"Rhydings", Claremont Drive, Clare Hill, Esher, Surrey.
4757	MacKenzie, A. J.	162, Wickham Avenue, North Cheam, Surrey.
8581	MacKenzie, Duncan	49, Burnt Oak Lane, Sidcup, Kent.
8071	Mackenzie, Henry	"Tulacharo", Lairg, Sutherland, Scotland.
7220	MacKenzie, James	29, Montpelier, Edinburgh.
7482	McKenzie, Peter Kenneth	"Ardgowan", 254, Perth Road, Ilford, Essex.
1996	Mackie, Jos. S.	c/o Amazon Telegraph Co., Caixa 270, Para, N. Brazil.
1531	Mackinlay, Colin	"Lindulu", Machan Road, Larkhall, Lanarkshire.
6720	Mackinlay, James Harrison	C.s. <i>Mirror</i> , c/o Cable & Wireless, Ltd., Gibraltar.

MEMBERS.

NO.	NAME.	ADDRESS.
8202	Mackintosh, John	3, Carriagehill Drive, Paisley.
2303	Mackirdy, John H. (Vice-President)	c/o Lloyd's Register of Shipping, Ocean Chambers, Lowgate, Hull.
5537	MacLean, Charles Scobie	667, 77th Street, Brooklyn, New York.
6030	MacLean, John S.	29, Sunbourn Road, St. Michael's, Liverpool.
7619	MacLeod, Alexander	26, Norham Street, Shawlands, Glasgow, S.1.
3632	MacLeod, John	Waterloo Steam Trawling Co., Ltd., 3, Victoria Road, Milford Haven.
6170	MacLeod, Norman Alexander	33, Delamere Road, Hayes, Middlesex
6313	MacLeod, Roderick Murdo	65, Uplands Way, Grange Park, Winchmore Hill, N.21.
6413	Macnab, Archibald K.	2, Haig Street, Clayfield N.2, Brisbane, Queensland.
5190	Macnab, A. C.	Surveyor of Ships, Singapore.
6981	Macnab, John	"An Cnoc", Port Wemyss, Isle of Islay, Scotland.
8474	Macnaughtan, William	6, P. & O. Terrace, Mazagon Dock Ltd., Bombay 10, India.
6268	Macniven, Hugh	c/o Anglo-Iranian Oil Co., Ltd., Masjid-i-Suleiman, South Iran.
1469	MacPhee, Anderson	c/o Kennedy-Van Saun Mfg. & Eng. Corp., Room 442, Bush House, Aldwych, W.C.2.
5706	Macpherson, N. N.	"Kilmeny", Davidson Place, Innellan, Argyllshire.
8634	MacPherson, Reginald J. S.	70, Amesbury Road, Cardiff.
6943	Mactavish, James Allan	c/o Messrs. C. C. Wakefield & Co., Ltd., 41-43, Robinson Road, Singapore.
4929	Macvey, James	P.O. Box No. 2, Port Said, Egypt.
7874	McAfee, John	Lloyd's Register of Shipping, 71, Fenchurch Street, E.C.3.
4043	McAffer, Murdoch	9, Park Avenue, off Lyle Road, Greenock.
1513	McAlister, A. M. R.N.R.	8, Glenville Avenue, Giffnock, Glasgow.
8023	McAlister, Frank	Messrs. J. Stone & Co., Ltd., Oceanic House, 1A, Cockspur Street, S.W.1.
4953	McAlpine, Archibald	22, Nelson Street, Greenock, Renfrewshire.
5764	McAlpine, William	21, Adelaide Avenue, Lisburn Road, Belfast.
6636	†McArthur, Donald	
7341	McAuslan, Henry Buchanan	Superintending Engineer, Irrawaddy Flotilla Co., Ltd., Phayre Street, Rangoon.
6928	McAuslan, William, I.S.O.	564, Holdenhurst Road, Bournemouth, Hants.
8459	McBride, Andrew	Moreton Freezing Works, Brisbane.
6241	McBride, John	c/o Lago Shipping Co., Aruba, D.W.I.
7461	McBride, John Francis Albert	Vaal Hartz Irrigation Works, Andalusia, South Africa.
7100	McBride, Reginald Prescott	5, Lon-y-Dderwen, Rhiwbina, Cardiff.
6611	McCabe, James	"Bethania", 23, Genoa Road, Anerley, S.E.20.
6242	McCallum, Alexander	77, Ardgowan Street, Port Glasgow.
6645	McCallum, George Reid	83, High View Road, South Woodford, E.18.
7065	McCallum, James	51, Lansdowne Road, Erdington, Birmingham.
8301	McCallum, Norman	Messrs. Harland & Wolff, Ltd., 9, Whitehall, London, S.W.1.
8597	McCaskie, Charles S. (Vice-President)	c/o Messrs. Mackinnon Mackenzie & Co., 16, Strand Road, Calcutta.
5802	McCausland, W. A.	c/o Standard-Vacuum Oil Co., Penang, S.S.
6609	McChesney, Francis Melrose	7, Brynmair Terrace, Towyn, Merioneth.
6488	McClung, Thomas G.	35, Bemersyde Road, Durban, Natal, S. Africa.
4155	McCombie, John	2, King's Drive, Whitley Bay, Northumberland.
3652	McConnell, W. E. (Vice-President)	Board of Trade Surveyor's Office, Customs House, Belfast.
6780	McConochie, Kenneth	205, Portland Road, South Norwood, London, S.E.25.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
8415	McCormick, John Ernest York	"Cliftonville", 6, Elmar Road, Aigburth, Liverpool, 17.
7924	McCowan, Alexander James	c/o Lloyd's Register of Shipping, 4, Bridge Street, Sydney, N.S.W., Australia.
3633	‡McCririck, Homer	Lloyd's Register of Shipping, Lancaster House, Newhall Street, Birmingham, 3.
5808	McCubbing, Joseph	3, Chelsea Gardens, Harton House Road, South Shields.
6465	McDonald, Colin	211, Crewe Road North, Edinburgh, 5.
3614	McDonald, Geo. Engr. Lieut., R.N., ret.	21, Bankside Road, Dacre Hill, Birkenhead.
6496	McDonald, George	8, Melville Street, Glasgow, S.1.
7925	McDonald, Leslie Buchanan	c/o Institute of Marine & Power Engineers, O.K. Bldgs, Queen Street, Brisbane.
8705	McDonald, Thos. Wm.	7B, Waringah Road, Mosman, Sydney, New South Wales.
2078	McDougall, Hugh	72, Northland Road, Wellington, New Zealand.
7620	McFarlane, Thomas Alex	c/o W. McFarlane, 71, Hargrave Street, Largs Bay, South Australia
5624	McFie, Andrew M.	"Allantone", Bentinck Drive, Troon, Ayrshire.
2030	McGavin, J. S.	Spring Cottage, Rivington, Bolton, Lancs.
6050	†McGilvray, Malcolm	
8864	McGregor, Geo. Alexander	c/o New Zealand Shipping Co., Ltd., 138, Leadenhall Street, London, E.C.3.
7981	McGregor, James Henry	Huddart Parker, Ltd., 466, Collins Street, Melbourne, Australia.
8024	McGregor, Peter	"Vista Linn", St. Albans Avenue, Birchgrove, Cardiff.
2437	McGregor, Robert	25, Broadway, New York, U.S.A.
7758	McGuffin, John	Surveyor General of Ships Office, Singapore, S.S.
8072	McGuffog, James Steel Doran	Chief Engineer, M.v. <i>Kanimbla</i> , c/o McIlwraith, McEacharn & Co., Sydney, Australia.
8025	McGuinness, Frank	36, Jesmond Park West, Newcastle-on-Tyne.
6851	McGuinness, Thomas Frederick	36, Mount Charles, Belfast.
6501	McGuire, James C. Engr. Lt.-Com'r., R.N.R.	Q.T.E.V. <i>Queen of Bermuda</i> , c/o Furness Bermuda Line, Pier 95, North River, New York, U.S.A.
4573	McGuire, P. Wm.	The Chesterfield Tube Co., Ltd., Chesterfield.
6282	McInnes, John	3rd Engineer, S.S. <i>Barjora</i> , c/o Mackinnon, Mackenzie & Co., Ballard Estate, Bombay.
7675	McIntosh, George	K.L.I.P. Power Station, P.O. Box 1, Redan, Vereeniging, Transvaal.
5566	McIntyre, Alex. B. Engr.-Lieut.-Com'r., R.N.R.	R.F.A. <i>Boardale</i> , c/o G.P.O., London.
8073	McIntyre, George Thomson	18, Castlebar Park, Ealing, W.5.
4532	McIntyre, Kenneth	Butterfield & Swire, Hong Kong.
7061	McIntyre, Peter Alexander	c/o Lloyd's Register of Shipping, 483, Collins Street, Melbourne, C.1, Victoria, Australia.
2470	McIntyre, W.	51, Calderwood Road, Rutherglen, Glasgow.
3769	McIvor, W. Tough, J.P.	311, Cleveland Street, Birkenhead.
7759	McJannet, Richard Cowan	M.V. <i>Teesbank</i> , c/o Messrs. A. Weir & Co., 21, Bury Street, London, E.C.3.
2342	McKay, John	120, Queen's Drive, Liverpool, 4.
8181	McKay, Norman	c/o H. C. Self, Military Road, North Bondi, Sydney, N.S.W.
8074	McKay, Stanley Lewis	15, James Street, Devonport, Tasmania.
5054	McKeand, Alexander John	"Fairholme", Kendale Avenue, Epping, Essex.
7044	McKendrick, James Weir	157, Onslow Drive, Craigpark, Glasgow.
5096	McKenzie, J. J. (Vice-President)	c/o British Tanker Co., Ltd., Britannic House, Finsbury Circus, E.C.2.
6527	McKenzie, John R.	M.V. <i>Manoora</i> , c/o Adelaide S.S. Co., Sydney, N.S.W., Australia.
6576	McKenzie, Windsor Colin	17, Broadwalk, Snaresbrook, E.18.
5557	McKie, Henry	11, Carrington Street, Glasgow, C.4.

‡ Denny Gold Medallist, 1920.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
7431	McKimmie, Alexander Frederick	50, Slade Street, Bayswater, Western Australia.
7655	McKinlay, John	200, Duncan Road, Staten Island, N.Y., U.S.A.
5035	McKinlay, Robert Dunlop Murdie	"Arlanza", 21, Southdown Avenue, Boston Manor, Ealing, W.7.
5363	†McKinnon, Robert	
8473	McLaren, Donald N.	57, Queens Road, Bootle, Liverpool, 20.
1626	McLaren, John (Vice-President)	Consulting Engineer, 4, Lloyd's Avenue, E.C.3.
1150	McLaren, W.	24, Hornsey Lane Gardens, Highgate, N.6.
7843	McLaughlin, William	Chinese Maritime Customs, Marina House, Hong Kong.
5654	McLay, Finlay S.	P.O. Box No. 404, Riverside Power Station, Shanghai, China.
4453	McLean, D. L.	58, Overton Drive, Wanstead, E.11.
3690	McLean, Herbert	Casilla 1194, Valparaiso, Chile.
4075	McLellan, Farquhar M.	28, Woodside Park Road, North Finchley, N.12.
2769	McLellan, Thos.	"Hillbrow Farm", Whitnesham, Nr. Ipswich.
5022	McLellan, Thomas Anderson	"Nutgrove", Coombe Dingle, Westbury-on-Trym, Bristol.
6552	†McLellan, Thos. Howard	
6174	McLennan, Kenneth John M.	3, Hardy Grove, Worsley, near Manchester.
3289	McLeod, Robert J.	"Streatley", 39, Madeley Road, Ealing, W.5.
7451	McMahon, Frederick William	30, Woodlands Avenue, Wanstead, E.11.
5951	McMillan, Duncan Cameron	"Yamba", 25, Chelmsford Avenue, Willoughby, Sydney, N.S.W.
5269	McMiniagle, A.	16/17, Devonshire Square, E.C.2.
7072	McMurray, Samuel Hampden	82, West Avenue, Viewpark, Uddingston, Glasgow.
3543	McMurrich, Robt. McG.	Messrs. F. Schichau, G.m.b.h., Shipbuilders, Danzig Free State.
3849	McNab, Alexr.	First National Bank Building, Bridgeport, Connecticut, U.S.A.
5793	McNair, Daniel G.	"Eaglesham", Queens Drive, Heaton Mersey, near Manchester.
2330	McNair, F.	3, Waverley Road, Blundellsands, Liverpool.
5150	McNaught, John	"Kintore", Dunbabbín Road, Wavertree, Liverpool.
4780	McNeill, M. W. W.	c/o Mrs. Sutor, 52, Pine View Road, Ipswich, Suffolk.
8839	McNeill, Samuel	93, Kingsway, Petts Wood, Kent.
6126	McNie, Thos. McGregor	24, Alwiyah, Baghdad, Iraq.
1934	McNiven, J. L.	"Bellfield", Eddleston, Scotland.
7294	McPherson, Thomas	27, Percy Gardens, Tynemouth.
8750	McQueen, Dunbar	35, Waterloo Mansions, Dover, Kent.
6069	McRory, John McE.	39, Torver Road, Harrow, Middlesex.
6381	McWhirr, David	Lago Shipping Co., Ltd., Aruba, D.W.I.
5259	McWhirter, Joseph	54, Belmont Road, Portswood, Southampton.
8936	Maartense, Jacobus	Rue Huybrechts 5/7, Antwerp, Belgium.
5092	Machon, Ernest A. S.	3, Middle Avenue, Queen Square, Bristol.
8922	Maddocks, Arthur David	14, Mallory Road, Birkenhead.
5996	Magoulas, Speiros A.	9, Camomile Street, E.C.3.
4446	Main, James	"Kildonnan", Hayes Lane, Beckenham, Kent.
7778	Mair, William	West Bauds, Findochty, Banffshire.
7494	Maitland, John	12, Dorchester Avenue, Penylan, Cardiff.
3078	Maitland, William Albert Hodgson	Buck & Hickman, Ltd., 2/6, Whitechapel Road, E.1.
8667	Major, Harold	185, Abbey Road, Barrow-in-Furness.
5736	Major, Thomas F.	27, Penylan Terrace, Roath, Cardiff.
8460	Malcolm, Andrew	27, Canonbie Road, Forest Hill, S.E.23.
5856	Maller, Lionell G.	Wallsend Slipway and Eng. Co., Ltd., Wallsend-on-Tyne.
2297	Mancor, Jas. H.	3, Yarborough Road, Southsea, Hants.
8407	Manger, Edwin Clement	Chief Engineer, c/o Anglo-Saxon Petroleum Co., Ltd., St. Helens Court, Leadenhall Street, E.C.3.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
8798	Mangham, Victor Savage	17, Esplen Avenue, Gt. Crosby, Liverpool, 23.
6171	Mann, James A. R.	35, Kingswood Road, Wimbledon, S.W.19.
6551	Mann, Leonard W.	76, Swannington Street, Burton-on-Trent.
3444	Mansfield, A. J.	"Stowage House", The Stowage, Deptford, S.E.8.
5967	Manson, Archibald Bonar	161, Cathays Terrace, Cardiff.
1768	Manson, P.	"Hyndland", 144, Grosvenor Road, Claughton, Birkenhead.
3000	Manson, Robt. F.	Board of Trade Surveyor's Office, 32, King Street, Gt. Yarmouth, Norfolk.
7235	†Maplestone, Clifford Raymond	
7690	Margitson, John Stuart	215, Court Road, Mottingham, London, S.E.9.
6091	Markham, Ernest Wh.Ex.	"Dormaville", Leeds-Wetherby Road, Scarcroft, Thorner, Nr. Leeds.
7141	Marks, Harold William Richard	c/o The Secretary, Mail Department, Australia House, Strand, W.C.2.
8567	Marriner, William W., B.Sc.	36, Parkside, Knightsbridge, S.W.1.
4224	Marriott, Chas. A.	108, Humber Road, Blackheath, S.E.3.
7070	Marshall, Arthur Donovan	46, Greyfort Crescent, Olton, Warwickshire.
5644	Marshall, F. M., B.Sc.	48, Lansdowne Road, London, W.11.
3434	Marshall, James	105, District Road, Sudbury, Middlesex.
8161	Marshall, James	21, Lynton Drive, Hillside, Birkdale, Southport.
2760	Marshall, James S.	1, Torplin Road, Colinton, Edinburgh.
3537	Marshall, Septimus, M.B.E.	11, Kenners Dene, Tynemouth.
3649	†Marshall, Wm.	
8422	Martin, Archibald	31, Giffnock Park Avenue, Giffnock, Renfrewshire.
4824	Martin, Charles E.	91, Valliers Wood Road, Sidcup, Kent.
3577	Martin, F. R.	"Tymar", Forefield Lane, Great Crosby, Lancs.
6838	Martin, Geo. Winnington	Colonial Mutual Buildings, 276, Princes Street, Dunedin, New Zealand.
5059	Martin, Harry Stephen	38, Glenluce Road, Blackheath, S.E.3.
6260	Martin, Henry G.	Burmah Shell, Budge Budge, Bengal.
6222	Martin, John Stiles	c/o T. W. Greenwell & Co., Ltd., South Dock, Sunderland.
5434	Martin, Peter	c/o Lyle Shipping Co., Ltd., 120, St. Vincent Street, Glasgow.
4917	Martin, Wm. Hamilton	50, Tudor Close, Belsize Avenue, Hampstead, N.W.3.
6238	Martin, Windsor	10, West View, Malpas, Newport, Mon.
3202	Martlew, Sidney G.	19, Hide Road, Harrow View, Harrow.
3627	†Mason, James	
6074	Mason, John Ernest	c/o Insurance Engineers, Ltd., 29, Herald Chambers, Martineau Street, Birmingham.
4991	Massey, Oswald William	74, Farley Road, Selsdon, S. Croydon, Surrey.
7691	Masson, Philip Roy	"Burker", 173, Walmley Road, Erdington, Birmingham.
5389	Masterman, Thomas William Arthur Com'r. (E.), R.N.	H.M.S. <i>Gloucester</i> , c/o G.P.O., London.
473	*Mather, A. H. (Vice-President)	8, Hadley Road, New Barnet, Herts.
2423	Matheson, A. J.	c/o Mrs. H. J. Smith, Lavender Way, Upland Road, Sutton, Surrey.
7412	Mathieson, William Thompson	31, Craigleith Hill Avenue, Edinburgh, 4.
7402	†Matthews, Ernest	
4218	Matthews, John A.	42, Spur Road, Orpington, Kent.
6885	Matthews, Walter Dix	11, Kensington Gardens, North Shields.
5968	Mattocks, Frank E.	62, Wanstead Lane, Ilford, Essex.
6619	Maxwell, Lewin S.	24, Imperial Avenue, Bondi, Sydney, N.S.W.
2981	Mayor, Fred. Jos.	128, Thornbury Road, Osterley Park, Middlesex.
6777	Meader, Campling Wm.	7, Heriot Gardens, Burntisland, Fife.

† Address wanted.

* Life Member.

MEMBERS.

NO.	NAME.	ADDRESS.
5393	Mearns, John M.	6, Dumayne Avenue, Kidderpore, Calcutta.
8075	Mearns, Robert Hindmarsh	Fanny Street, Annerley, South Brisbane, Queensland, Australia.
8527	Meddins, George William	"Homecroft", 8, Lôn Penycod, Sketty, Swansea, Glam.
8076	Megginson, James	38, Lodge Ct., Hornchurch, Essex.
7780	Mehaffy, Robert Harold	2nd Engineer, s.s. <i>San Carlos</i> , c/o Lago Shipping Co., Ltd., San Nicolas, Aruba, Dutch West Indies.
2009	Mellor, Wilfred	Alexandra Hotel, Bridlington, Yorks.
6133	Melville, Charles E.	355, Upton Road, Birkenhead.
6018	Melville, Harry	c/o British India S.N. Co., Ltd., 122, Leadenhall Street, E.C.3.
7851	Melville, Robert Alexander	2nd Engr., s.s. <i>Takliwa</i> , c/o Mackinnon, Mackenzie & Co., Ballard Estate, Bombay.
7912	Menezes, Leo Joseph Louis	430, Top Floor, Bazar Road, Bandra, Bombay, India.
8655	Menhennet, Alfred	Takuapa Valley Tin Dredging N.L., Takuapa, W. Siam.
3803	Merrick, Robt. H. Engr. Lieut-Com'r.. R.N., ret.	11, Highfield Avenue West, College Road, Cork.
6562	Merry, Robert	14, Wilmington Gardens, Barking, Essex.
1390	Metcalfe, C. W.	8, Cliffe Park, Roker, Sunderland.
1225	Metcalfe, H. E.	Aldwych House, Aldwych, W.C.2.
5351	Michaelson-Yeates, Thomas Henry	c/o Martins Bank, Buxton, Derbyshire.
1270	Michie, Jas., C.B.E.	3, Alloa Road, Goodmayes, Essex.
5191	Middleton, D. V.	c/o Sudan Irrigation Dept., Wad Medani, Sudan.
7229	Middleton, Donald William	22, Somersby Gardens, Ilford, Essex.
6935	Middleton, Jas. Duncan	Municipal Mutual Insurance, Ltd., Vernon House, Friar Lane, Nottingham.
5594	Middleton, W. J. D.	Municipal Mutual Insurance, Ltd., 25, Old Queen Street, Westminster, S.W.1.
6052	Mighall, Charles H.	"Devoncourt", Balcombe Gardens, Horley, Surrey.
7864	Millar, John Grant Munro	c/o Messrs. Ritchie & Bisset, Consulting Engineers & Surveyors, No. G-3, Union Building, Singapore, S.S.
7996	Millar, Peter	140, New Street, Musselburgh.
5224	Millar, Sidney H.	14, Shirley Gardens, Barking, Essex.
6265	† Miller, Alan H.	
444	Miller, Alexr., M.B.E.	Holly Lodge, Hunter's Quay, Dunoon.
3251	Miller, Arthur C.	75, Bothwell Street, Glasgow, C.2.
7403	Miller, David Esplin	335, Hainton Avenue, Grimsby.
8228	† Miller, Fleming	
7075	Miller, John	T.S.S. <i>Kedah</i> , c/o Association of Engineers, Singapore, S.S.
8293	Miller, Robt.	39, Lovaine Avenue, Whitley Bay, Northumberland.
3092	Miller, Thomas	Lloyd's Register of Shipping, Prudential Buildings, George Street, Plymouth, Devon.
8615	Miller, Thomas L.	21, Mount Ararat Road, Richmond, Surrey.
8229	Miller, William Phillips	"Ivybank", Rose Street, St. Monance, Fife.
7133	Millican, Douglas George	"Hazel Holme", 113, Greenhill Road, Mossley Hill, Liverpool, 18.
6722	Milligan, David	Luipaard's Vlie Estates Ltd., Box 53, Krugersdorf, Transvaal, S.A.
3156	Milliken, George	91, Beverley Crescent, Bedford.
7194	† Milliken, Samuel	
7251	Mills, Eugene	28, Highbury Hill, London, N.5.
7497	Milne, John McLeod	5, Garden Terrace, Falkirk.
7150	Milne, Robert Chas. Hermon	28, Kingsknowe Road South, Slateford, Edinburgh, 11.
6070	Milner, John Wm. Engr. Rear-Admiral	c/o Lloyd's Bank, Ltd., King's Road, Southsea, Hants.
7479	Milton, James Hugh	690, Sidcup Road, New Eltham, Kent.
8616	Mitchell, Alec.	"Aysgarth", Hilltop Road, Liverpool, 16.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
4402	† Mitchell, Clement	
3993	Mitchell, James M.	12, Rosebery Street, Aberdeen.
2956	Mitchell, John C.	Fenton House, 112/113, Fenchurch Street, E.C.3.
4806	Mitchell, J. E. Eng. Lieut.-Com'r., R.N., ret.	"Desleigh", London Road, Cowplain, Hants.
3756	Mitchell, J. M. Engr. Lieut.-Com'r., R.N., ret.	Friary Cottage, Manor Park, Chislehurst, Kent.
3780	Mitchell, Wm. R.	"Clairmont", 25, Shakespeare Road, Bedford.
2778	Moffat, Alfonso	Calle 25 de Mayo 171, Buenos Aires.
8077	Moffatt, Colin	Lloyd's Register of Shipping, Empire House, Mount Stuart Square, Cardiff.
4516	Moffitt, Robert, B.Sc.	Lloyd's Register of Shipping, Commercial Buildings, Falmouth.
7468	Moir, Alexander	15, Apsley Street, Glasgow, W.1.
7209	Moir, Archibald Black	Taikoo Dockyard & Engineering Co., Hong Kong.
7430	Mollon, Wm. Henry Francis	1, Ingleby Road, Wallasey, Cheshire.
5709	Monks, Frank B.	17, Innerwick Drive, Hillington, Glasgow, S.W.
5677	Monro, Henry G.	8, Arlescourt Road, West Derby, Liverpool.
5971	Montgomerie, J., D.Sc.	Lloyd's Register of Shipping, 71, Fenchurch Street, E.C.3.
8475	Montgomery, Alfred K.	10, Hay's Well Road, Arbroath, Angus.
7039	Montgomery, David White	"Brambledown", Glen Avenue, Beltinge, Herne Bay, Kent.
2971	Montgomery, Murdoch T.	"Lorne Villa", Strone, Argyllshire.
5412	Moore, Clarence K.	No. 5 Gov. Bungalow, Mutwal, Colombo, Ceylon.
7807	Moore, William Leyston Stevenson	Marine Department, Manchester Liners Ltd., Manchester Liners House, St. Ann's Square, Manchester, 2.
6267	Moralee, John P.	25, Water Lane, Seven Kings, Essex.
5851	Moran, Vincent J.	St. James, Howth Road, Clontarf, Co. Dublin.
7547	† Moreau, Odazir Aristides	
4771	Morgan, A.	"Esperance", Severn Road, Portcawl.
2965	Morgan, Thos. J.	Insurance Engineers, Ltd., Baltic Chambers, 50, Wellington Street, Glasgow.
6894	Morgans, Walter James	49, Heathside Road, Whithington, Manchester, 20.
4511	Morley, Albert E.	29, Park Lane, Chippenham, Wilts.
1062	Morris, G. S.	c/o Lyttelton Harbour Board, Lyttelton, New Zealand.
3721	Morris, Hubert G.	Coast Lines, Ltd., 9, Regent Road, Liverpool.
7521	Morris, Sydney Peter	127, Kings Road, Brighton.
7792	Morrison, Thomas John Averell	A.U.S.N. Co., Ltd., Brisbane, Queensland, Australia.
4782	Morrison, T. R. H.	Lloyd's Register of Shipping, 71, Fenchurch Street, E.C.3.
4111	Morrison, Thos. Scott	P.O. Box 463, Hong Kong.
7963	Morrison, Walter Alex.	W. Hammer & Co., B, Fullerton Road, Singapore.
8668	Morritt, William Brandon	2, Western Beach, Gibraltar.
7057	Morton, Donald Robertson	c/o B.I. Engineers' Club, 15A, Kyd Street, Calcutta, India.
8635	Morton, Leslie Taylor, B.Sc.	Thirlmere Lodge, Elmfield Road, Gosforth, Newcastle-on-Tyne, 3.
5494	Morton, Robert	Creechurch House, Creechurch Lane, E.C.3.
7671	Moseley, Oswald Herbert George Kerr	Globe Rope Works, East Ferry Road, Millwall, E.14.
7016	Mosley, George	Byland, Moorside North, Newcastle-on-Tyne.
7175	Moss, Frank	261, Woodchurch Road, Prenton, Birkenhead.
5896	Mosscrop, G. W.	Chief Engineer's Dept., London County Council, The County Hall, Westminster Bridge, S.E.1.
5855	Mothersdale, J. W.	8, Cherryburn Gardens, Newcastle-on-Tyne.
6561	Mowbray, Wm. J.	Glenhead Cottage, Kemnay, Aberdeenshire.
8078	Mowforth, Norman Clark	The Vacuum Oil Co., Ltd., Cunard Buildings, Liverpool, 2.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
5638	Moy, Herbert Engr. Com'r., R.N.	H.M.S. <i>Dolphin</i> , Gosport, Hants.
5320	Moyle, Ronald C.	188, Wilton Road, Southampton.
6862	†Muckle, William Peter	
6870	Muir, George Wallace	c/o India General Navigation & Rly. Co., Ltd., 4 Fairlie Place, Calcutta.
5343	Muir, James M.	"Hillcrest", Ormonde Park, Finaghy, Belfast.
6612	Muir, John A.	11, Princes Street, Stranraer, Scotland.
6959	Muir, Robert	Marine Dept., Kisumu, Kenya Colony, E. Africa.
7046	Muir, Thomas	128, Hillview Drive, Clarkston, Glasgow.
6717	Muller, Willem Johan, Dr.	25, Zomerluststraat, Haarlem, Holland.
2293	Mumford, Newman	c/o W. T. Hyde, Bank of America Buildings, Palo Alto, California, U.S.A.
5727	Munday, Robert W.	48, Granby Grove, Highfield, Southampton.
6670	Mundell, Norman	4, Otterburn Avenue, Gosforth, Newcastle-on-Tyne.
8423	Mundie, James David Barron	31, Alma Street, Falkirk, Stirlingshire.
7434	Munn, John	Mill Street, Comber, Belfast.
8661	Munn, John Main	China Navigation Co., c/o Butterfield & Swire, Hong Kong.
5466	†Munro, Archibald	
7189	Munro, Campbell	178, Ravenhill Avenue, Belfast.
5988	Munro, David	72, Dalry Road, Kilwinning, Ayrshire.
6613	Muras, Douglas	8, Belah Crescent, Stanwix, Carlisle.
8026	Murchie, Duncan Cook	52, Argyle Road, Saltcoats, Ayrshire.
8079	Murchison, Roderick Impey	c/o Lloyd's Register of Shipping, 95, Bothwell Street, Glasgow, C.2.
4527	Murdoch, Ernest Engr. Lieut., R.N., ret.	40, Magdala Road, Cosham, Hants.
7483	†Murdock, James	
4787	Murdoch William	33, Rue des Peintres, Antwerp.
8323	Murdoch, William Robert	2, Rue d'Amsterdam, Antwerp.
7199	Murphy, Thomas Raymond	18, Alexandra Mount, Litherland, Liverpool, 21.
7190	Murray, Alexander	c/o Burmah Oil Co., Ltd., Box 829, Rangoon, Burma.
5213	Murray, Henry C.	Mersey House, Quai de Rouen 1, Antwerp, Belgium.
3126	Murray, James Lieut., R.E.	7, Shrewsbury Road, Wallasey, Cheshire.
2468	Murray, John	3, Campbell Street, Brighton, Victoria.
7565	Murray, John Joseph	Burma Marine Service, New Law Courts, Rangoon, Burma.
2113	Murray, M. M.	"Taimoshan", 29, Pittwater Road, Pymble, N.S.W., Australia.
5551	Murray, Robert Milne	100, Emmott Avenue, Ilford, Essex.
5826	Murray, Ronald G. Com'r. (E.), R.N.	H.M.S. <i>Warspite</i> , c/o G.P.O., London.
6284	Murrison, Alex. Robert	31, Cliff Road, Dovercourt Bay, Essex.
6302	Mussett, George A.	218, Brockley Grove, S.E.4.
3638	Mutiozabel, Ignacio de	Compañia Maritima del Nervion, Gran Via 1, Bilbao, Spain.
6745	†Myles, Wm. Owen Stoddart	
3943	Nairne, David H.	14, Glengarry Drive, Cardonald, Glasgow.
3152	†Napier, Thos. Waring	
8799	Nash, Edward Francis Ralph	17, Farnell Street, Harbord, New South Wales.
4889	Nasmyth, William Alex.	1, Churchiel Villas, Duddingston, Portobello.
7104	Naylor, Harry	80, Mount Road, Higher Tranmere, Birkenhead, Cheshire.
7997	Neesham, Robert	22, Cowper Avenue, East Ham, E.6.
2124	Neil, M. D.	c/o The Institute.
5539	Neill, Frederick G.	32, Wessex Gardens, Golders Green, N.W.11.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
5454	Neill, Hugh	"The Laurels", Elmfield Grove, Gosforth, Newcastle-on-Tyne.
7244	Neill, John, B.Sc.	The North Eastern Marine Engineering Co., Wallsend-on-Tyne.
7534	Nelis, Joseph John	165, Broadway, New York, U.S.A.
8476	Nelson, Alfred Edward	Chief Engr. Officer, s.s. <i>Nardana</i> , Messrs. B.I.S.N. Co., Ltd., 122, Leadenhall Street, London, E.C.3.
2403	Nelson, C. B.	Lloyd's Register of Shipping, 240, Dasmariñas, Manila, P.I.
8706	Nelson, Robert Douglas Eng. Rear-Admiral, O.B.E.	Bessemer Grange, Denmark Hill, S.E.5.
5402	Nelson, Thomas C.	97, Northcote Street, South Shields.
7898	Nelson, Thomas Richard	179, Liverpool Road, Crosby, Liverpool, 23.
3940	Nelson, Wm. L.	Eagle Oil & Shipping Co., Ltd., Shipping Dept., 16, Finsbury Circus, E.C.2.
8049	Nevill, John Harvey	79, Eaton Road, Leigh-on-Sea, Essex.
6861	Neville, Ernest Charles	11, Broadview Avenue, Little Thurrock, Grays, Essex.
3116	Neville, Herbert	c/o J. Stone and Co., Ltd., Oceanic House, Cockspur Street, S.W.1.
6606	Newcombe, Frank Thos.	26, Comrie Street, Glasgow, E.2.
8012	Newland, Alfred	c/o A. R. Williams Mach. Co., 495, Railway Street, Vancouver, B.C., Canada.
2612	Newlands, A.	22, Durham Square, Portobello, Midlothian.
8408	Newman, Cedric John	Chief Engineer, s.s. <i>British Mariner</i> , c/o British Tanker Co., Britannic House, Finsbury Circus, London, E.C.2.
3698	Newrick, Fred. Arthur	2nd Engr., m.v. <i>British Chivalry</i> , c/o The British Tanker Co., Britannic House, Finsbury Circus, E.C.2.
5106	Nicholas, J. F.	11, Chester Road, Chigwell, Essex.
2173	Nicholas, W. W.	67, Davenport Avenue, Hessle, E. Yorks.
6748	Nicholls, Charles Ernest	"Hillside", The Grove, Rumney, Cardiff.
2757	Nicholls, Frank	33, Vicarage Avenue, Derby.
6251	Nicholls, Henry	6, Castle Drive, Heswall, Cheshire.
4129	Nicholson, Arthur J.	11, Park Avenue, Bush Hill Park, Enfield, Middlesex.
3448	Nicholson, H. J. Engr. Lieut.-Com'r., R.N., ret. (Member of Council)	"Kobe", 15, Foxearth Road, Selsdon, South Croydon.
8350	Nicholson, Thomas Lewis	2nd Engineer, s.s. <i>Nawab</i> , Asiatic Steam Navigation Co., Ltd., c/o Turner, Morrison & Co., Ltd., 6, Lyons Range, Calcutta, India.
5335	Nicholson, Walter	c/o Lloyd's Register of Shipping, 71, Fenchurch Street, London, E.C.3.
7865	Nickels, Samuel Spiller	Chief Inspector of Boilers, Shillong, Assam.
8923	Nickless, Henry William	177, Route Remi, Shanghai.
3896	Nickson, Albert T.	c/o Royal Mail Lines, Sarmiento, 401, Buenos Aires.
3523	Nicol, E. W. L.	"Cedar Cottage", Ashted Park, Surrey.
5078	Nicol, J. B.	"Inchkeith", Eldon Grove, West Hartlepool.
2851	Nicol, John	24, Decoy Avenue, Golders Green, N.W.11.
8865	Nimmo, Edw. Duncan McP.	4, Widecombe Court, Lyttelton Road, London, N.2.
3904	Nisbet, Robt.	"Ravenscraig", Fitzjohn Avenue, High Barnet, Herts.
6142	Noake, Lionel Cecil Samuel Engr. Com'r., R.N.	H.M.S. <i>Ajax</i> , c/o G.P.O., London, South American Station.
7793	Noble, John Watson	21, Hollybank Place, Aberdeen.
8220	Noble, William	Farringdon Street, Alderley, Brisbane, Queensland.
4993	Norledge, Charles Henry	"Sterndale", Victoria Road, Pendleton, near Manchester.
8553	Norledge, George V.	14, Park Road, Meols, Wirral, Cheshire.
4479	Norris, Fredk. T. Engr. Lieut.-Com'r., R.N., ret.	"Stamford", Stakes Hill Road, Waterlooville, Portsmouth.
6881	North, Joseph Edward	P.O. Box 211, Townsville, Queensland, Australia.
6823	Notman, Thomas Buchan	"Lasswade", Brooklyn Avenue, Flixton, Manchester.
5086	Novelli, Marino	Via Gorto, 7, Ancona, Italy.
2459	Nunn, George H.	Lloyd's Register of Shipping, Hedjuff, Aden.
2954	Nye, W. S. H.	"Palmwoods", Buderim Mts., Nth. Coast Line, Queensland.

MEMBERS.

NO.	NAME.	ADDRESS.
8334	O'Brien, Brian Eoghan Lieut.-Com'r. (E.), R.N.	H.M.S. <i>Thames</i> , c/o G.P.O., London.
3902	O'Brien, Denis P.	Messrs. D. P. O'Brien & Co., 616, Tower Building, Water Street, Liverpool.
8840	Oddy, Frank Wood	41, Druid Hill, Stoke Bishop, Bristol.
4121	Ogg, Douglas W.	Baldwin Instrument Co., Brooklands Works, Dartford, Kent.
7587	Ogle, Frederick Sidwell	5, Wood Road, Butterworth, Prov. Wellesley, S.S.
5281	Oliver, James	4, Greig Crescent, Armadale, West Lothian, Scotland.
7055	Oliver, James William	"Birkbank", Seaton, Cumberland.
8027	Oliver, John Turner	c/o Marine Department, Wellington, New Zealand.
8766	Olley, James Alfred	96, Humberstone Road, Grimsby.
2711	O'Neill, Geo. A. Engr. Lieut.-Com'r., R.N., ret.	c/o Messrs. K. L. Kalis, Sons & Co., Ltd., West Pier, Leith, 6.
5998	† Orchard, Albert Edward Frank Engr. Lieut.-Com'r., R.I.M.	
8669	Orchard, Harold	135, Hillmorton Road, Rugby.
4540	O'Riordan, Geo. F., B.Sc.	Battersea Polytechnic, London, S.W.11.
4024	Ormiston, George	Supt. Engr., New Zealand Shipping Co., Ltd., Royal Albert Dock, London, E.16.
8564	Ormiston, Thomas Dickson	Chief Engineer, M.v. <i>Crane</i> , G.S.N. Co., Ltd., 15, Trinity Square, London, E.C.3.
8866	Orr, Archibald	China Navigation Co., Shanghai, China.
4203	O'Sullivan, Jas. V.	Marine Dept., United Fruit Co., Pier 9, North River, New York, U.S.A.
4488	Oswald, George	Supt. Engr., c/o Adelaide Steamship Co., Ltd., Waterview, Balmain, Sydney, N.S.W.
2266	Oswald, John H.	20, Arthur's Avenue, Harrogate, Yorks.
7359	Ovenden, Courtney Wyndham	78, Marlborough Road, Cardiff.
7425	Owen, F. C. I.	"Veryan", Kimberley Park Road, Falmouth, Cornwall.
5128	Owen, G. H. L.	"Bharata", 57, Cleave Road, Gillingham, Kent.
2880	Owen, H. P. Engr. Com'r., R.N.R., ret.	Messrs. Owen & Green, Ltd., 18, 20 & 22, Cornhill, Liverpool, 1.
6969	† Owen, John	
8816	Owen, Thomas	88, Richard Kelly Drive, Liverpool, 4.
7365	Owen, William	Bod Eos, 4, Mile Bridge, Holyhead.
8182	Oxburgh, Robert Thomas	"Selworthy", St. Michael's Road, Blundellsands, Liverpool, 23.
3357	Oxford, A. W.	c/o Lloyd's Register of Shipping, 71, Fenchurch Street, E.C.3.
7363	Pacey, Oswald Guy Spence	S.s. <i>Matiana</i> , c/o British India S.N. Co., 122, Leadenhall Street, E.C.3.
3516	Padbury, R. B. P.	"The Nook", Northumberland Avenue, Gidea Park, Essex.
8823	Padbury, Wm. John	Rydal, Hillside Drive, Old Road East, Gravesend, Kent.
8349	Paddon, Thomas Frederick	"Devonia", Crest Hill Road, Peverell, Plymouth.
8183	Page, John Thomas	"West Mount", Cockett Road, Sketty, Swansea.
7607	Page, Sidney Clifford	22, Penylan Terrace, Cardiff.
8203	Palliser, Ewart Alfred	2nd Engineer, s.s. <i>Khandalla</i> , c/o B.I. Engineers' Club, 15a, Kyd Street, Calcutta.
4118	Palmer, Alexr.	120, Beresford Avenue, Tolworth, Surrey.
6951	Palmer, Edgar Charles	M.v. <i>Alexia</i> , c/o Anglo-Saxon Petroleum Co., Ltd., St. Helen's Court, Leadenhall Street, E.C.3.
8582	Palmer, Frank John	112, Well Hall Road, Eltham, London, S.E.9.
7621	Palmer, John	43, Stanley Gardens, Belsize Park, N.W.3.
7180	Palmer, Ralph Murch Lieut. (E.), R.N.	H.M.S. <i>Cumberland</i> , c/o G.P.O., London.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
3713	Palmer, Robt. P.	12, Bedford Terrace, Joppa, Edinburgh.
7794	Palmer, Thomas Percy	8, Micheldever Road, Lee, London, S.E.12.
7414	Papworth, Frank Harvey	39, Kelly Street, Greenock.
7761	Park, John Charles	B.I. Engineers' Club, P.O. Box 296, Calcutta, India.
6741	Parker, Arthur Huntley (Member of Council)	9, Overton Drive, Wanstead, E.11.
7373	Parker, James Hamilton	"Dunsailin", Devonshire West, Bermuda.
6912	Parker, John Bell	61, Ewesley Road, Sunderland.
7398	Parker, Robert Alexander	The White House, Bassett Close, Southampton.
4769	Parker, S. L.	10, Leyburn Road, Wallasey, Cheshire.
7899	Parkin, Charles Christopher	Fawdington, Helperby, Yorks.
7900	Parkinson, James	46, Pierston Avenue, North Shore, Blackpool.
8080	Parnall, Walter Rudolph Engr. Rear-Admiral	Messrs. The Parsons Marine Steam Turbine Co., Ltd., 56, Victoria Street, S.W.1.
7245	Parry, Charles Percy	"Springvale", Osmaston Road, Prenton, Birkenhead.
8598	Parry, Edward Upton	53, Granville Park, Lewisham, S.E.13.
4016	Parsell, H. G.	29, Reeddale Road, Mossley Hill, Liverpool, 18.
1321	Parsons, J. R.	"Malu", Marley, Nr. Exmouth.
4944	Parsons, Maurice Cyril	20, Ethelbert Avenue, Southampton.
4148	Parsons, W. H. M.	2, Aberdeen Terrace, Blackheath, S.E.3.
6973	Partridge, Edwin Francis	c/o The Texas Co. (S.A.) Ltd., P.O. Box No. 651, Durban, Natal, South Africa.
5651	Paskins, Frank M. Engr. Lt.-Com'r., R.N.R.	Murray House, Victoria Road, Cowes, Isle of Wight.
6704	Paterson, Alexr. Robert	19 Cascade Avenue, Muswell Hill, N.10.
4677	Paterson, C. R.	Duff Villa, Macduff, Banffshire.
5392	Paterson, George	7, Greenwich Road, Cardiff.
5326	Paterson, Thomas Garner	Anderson & Ashe, 16, Connaught Road, Central Hong Kong, China.
5503	Paterson, Thos. Hunter	1, Thornly Park Avenue, Paisley.
7910	†Patrick, John	
7855	Patrick, John, Jr.	c/o No. 1 Mill, Titaghur Jute Factory Co., Ltd., Titaghur E.B.Ryl., Bengal, India.
3854	Patrick, Wilfrid L.	"Craigallion", Kilcreggan, Dumbartonshire.
7512	Patterson, Athol O. M.	c/o Flowers, Davies & Johnson, Ltd., 413, Murray Street, Perth, W. Australia.
2994	Patterson, Charles	22, Dudley Terrace, Trinity, Edinburgh.
2544	Patterson, G. G.	Apartment 605, Embankment Buildings, Shanghai.
7909	Pattie, John	The Forefront Garage, Clackmannan Road, Alloa, Scotland.
5960	Paul, Andrew	B.I. Engineers' Club, 15a, Kyd Street, Calcutta, India.
5683	Paul, Charles Wood	"Arrochar", Dawlish Avenue, Shirley, Southampton.
6454	Paul, John Dewar	c/o Messrs. Andrew Weir & Co., 21, Bury Street, London, E.C.3.
6846	Paul, Percy Clifford	78, Gillespie Road, London, N.5.
8204	Paulin, George Henry	"Cottesloe", Bilton, Rugby.
8636	Paxman, Edward P., M.A.	Deoban, 171, Lexden Road, Colchester.
6978	Paxton, Kerr	c/o Wakefield, Ltd., 3, Spring Street, Sydney, Australia.
8789	Payne, Albert Henry	154, Cranbrook Road, Redland, Bristol.
6897	Payne, John Benjamin Deane	134, Victoria Road, Dartmouth, Devon.
5823	Payne, John Edward Marten	Marine Supt's. Dept., L. & N.E. Rly., Parkestone Quay, Harwich.
2507	Peacock, Jas.	12, Ferncroft Avenue, Hampstead, London, N.W.3.
5534	Pearson, Benjamin Harold	5, Winchester Avenue, Blyth, Northumberland.
7816	Pearson, Harold Marshall	"Sandy Creek", Promenade, Withernsea, E. Yorks.
4955	Pearson, William	"Sorbie", Waste Lane, Oakmere, Cheshire.
7327	Pearson, William Arthur Skinner	43, Lancaster Road, South Norwood, S.E.25.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
3453	Pease, Samuel M.	20, Marlton Avenue, Great Crosby, Liverpool.
5611	Peck, Francis H.	20, Davenport Avenue, Hessle, E. Yorks.
5346	Peel, Charles E.	S.S.Y. <i>Sea Belle II</i> , c/o Master Attendant, Singapore.
3526	Peel, David Park	21, Warwick Road, South Shields, Durham.
2933	Peel, Frederick	Holly House, 66, Castellan Avenue, Gidea Park, Romford.
2781	Peers, George A.	6818, Wayne Avenue, Chicago, Illinois, U.S.A.
7124	Pelham, John Henry	"Hartington", Green Lane, Hucclecote, Glos.
7762	Pemberton, Arthur Geoffrey	Assistant Marine & Engineer Superintendent, Manchester Liners, Ltd., St. Ann's Square, Manchester, 2.
4168	Pendlebury, Andrew	4, Edith Road, East Ham, E.6.
2720	† Penfold, D.	
7370	Penman, James	Traffic Dept., United Africa Co., Ltd., Burutu, Nigeria.
5112	Percival, William	Supt. Engineer, The Clarke Steamship Co., Ltd., Canada Cement Building, Montreal, Canada.
5680	Perman, Archibald	82/83, Fenchurch Street, E.C.3.
2946	Peter, J. Frank	Apartment 2, 470, Albert Street, Ottawa, Canada.
6497	Peter, James S.	4, Westbourne Grove, Selby, Yorks.
6957	Peters, Robert	c/o Insurance Engineers, Ltd., 12, Bon Accord Square, Aberdeen.
7137	Petersen, Carl E. (Vice-President)	Assistant Engineering Manager, Matson Navigation Co., 215, Market Street, San Francisco, Cal.
3421	Peterson, Jas. Watt	1 & 2, Sandhill, Newcastle-on-Tyne.
4481	Petrie, James	9, Seyton Avenue, Giffnock, Glasgow.
4264	Philip, Wm. Jas.	"Glenthorne", 16, Draycot Road, Wanstead.
7692	Phillips, Anthony	16, Mundy Place, Cathays, Cardiff.
8081	Phillips, Ivor Morgan	7, Grafton Road, Wimpy's Estate, Enfield.
2823	Phillips, Victor H.	22, Brandville Gardens, Cranbrook Road, Ilford, Essex.
7263	Phillips, Wm. Foster	Association of Engineers, Singapore, S.S.
4881	Pickering, Charles Oswald	2, Harlech Road, Blundellsands, near Liverpool.
6598	Pickering, George (Vice-President)	Lloyd's Register of Shipping, Glen Line Building, 2, Peking Road, Shanghai, China.
3025	Pickthall, Frank John	c/o Esplen, Swainston & Wilson, Ltd., Solis 1480, Montevideo, Uruguay.
7031	Piddington, Frederick George Roynon	6, Colville Avenue, Anlaby Park, Hull.
4963	Pigott, Sir Stephen J., D.Sc.	c/o John Brown & Co., Ltd., Clydebank, Glasgow.
6180	Pike, Edward John	59, "Heoldon", Whitchurch, Glam.
7505	Pilditch, Harold Guy Lee	Lloyd's Register of Shipping, Zgrada Trgovacke Komore, Trumbiceva obalo, 4, Split, Yugoslavia.
5688	Pinel, Charles E.	c/o Nielsen & Malcolm, Racine Buildings, Rue Dubail, French Concession, Hankow, China.
8483	Piner, Bryan James Engr.-Lieut., R.I.N.	c/o Navy Office, Bombay, 1, India.
2586	Pinn, Reginald H.	Messrs. Clarke, Chapman & Co., Ltd., Fenton House, 112/3, Fen- church Street, E.C.3.
4603	Pinnock, W. T.	23, Cissbury Ring North, Woodside Park, N.12.
7345	Piper, Leonard	11, Vanbrugh Fields, Blackheath, S.E.3.
8132	Pirie, Hugh Lewis	"Gabledene", Greville Park Road, Ashted, Surrey.
7409	Pizzardi, Emanuel Carmel	3, Strada Stretta, Valetta, Malta.
5667	Platt, Fred R.	27, Tattersall Gardens, Leigh-on-Sea, Essex.
8424	Plews, William George	2nd Engineer, s.s. <i>Barpeta</i> , B.I.S.N.Co., c/o Mackinnon Mackenzie & Co., Ballard Estate, Bombay.
3133	Plows, George B.	"Avoca", 87, Newquay Road, Catford, S.E.6.
5876	Plummer, Hugh C.	c/o 58, Finlay Street, Fulham, S.W.6.
6492	Plunket, Philip	73, Tees Street, Oamaru, North Otago, New Zealand.
7572	Pollard, George William	c/c China Navigation Company, Shanghai, China.
1903	Pollock, Duncan S.	27, Albany Road, Manor Park, E.
6483	Pollock, John Albert	32, Ashley Street, Chatswood, Sydney, N.S.W.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
6438	Pollock, Marshall Brook	"The Way", Harrietsham, Kent.
1415	Pollock, Walter.	Wybourne Grange, Tunbridge Wells.
8469	Pollock, William Robert	21, Blanche Street, Elsternwick, S.4, Victoria, Australia.
7724	Polson, Thomas Hovell	128, London Road, Wembley, Middlesex.
2137	Polychroniadis, L. S.	88, Fenchurch Street, E.C.3.
8514	Porn, Marcel	2, Strathray Gardens, Hampstead, London, N.W.3.
8554	Porteous, James Arthur	16, Thorntree Drive, Denton Bank, Newcastle-on-Tyne.
7157	Porteous, Thomas Aitken	8, Harris Road, Sheerness, Kent.
2024	Porteous, Wm.	Rosslyn, Greenhill Road, Herne Bay, Kent.
3598	Porter, John Chas.	26, Cambridge Avenue, Great Crosby, Liverpool.
8924	Porter, Thomas	12, Water Street, Georgetown, British Guiana.
2944	Portham, R. S.	The Superheater Co., Ltd., Bush House, Aldwych, W.C.2.
7404	Potter, Frederick Edward	"The Nook", 1, Pelham Avenue, Scarthoe, Grimsby, Lincs.
6476	Potter, Reginald Frank	40, Landguard Road, Southampton.
6000	Potts, Robert S.	36, Fowler's Walk, Ealing, W.5.
8800	Pounder, Cuthbert Coulson	42, Malone Hill Park, Belfast.
3255	Pout, Clifton Engr.-Lieut., R.N., ret.	c/o 50, Palliser Road, Roseneath, Wellington, N.Z.
8767	Powell, Joseph Wright	79, Presidents Lane, Quincy, Massachusetts.
4872	Powis, Ralph	21, Woodlands Road, Sparkhill, Birmingham.
8294	Powrie, Robert Peter	Engineer, Kensington Public Baths, Silchester Road, London, W.10.
4319	Pratt, Arthur W.	31, Beechwood Avenue, Eastcote Lane, South Harrow, Middlesex.
8496	Pratt, Henry	"Kenrig", Lynnbank Road, Liverpool, 18.
2181	Pratt, Herbert J.	"Melrose", Wharf Road, Balmain, Sydney, N.S.W.
8670	Pratt, James Edward	"Naldera", 124, Cannock Road, Stafford.
7318	Pratt, Joseph Anthony	2, Taff Embankment, Cardiff.
7866	Pratt, Robert Allan	11, Cresswell Avenue, North Shields, Northumberland.
5746	Pratt, William L.	26, Albemarle Gardens, Ilford, Essex.
6507	Preece, Eric Charles	45, Bradleigh Avenue, Grays, Essex.
7889	Preece, Sir George, K.C.B. Engr. Vice-Admiral	Engineer-in-Chief of the Fleet, The Admiralty, Whitehall, S.W.1.
6199	Prentice, Clifford	c/o Anglo-Saxon Petroleum Co., Ltd., Leadenhall Street, E.C.3.
6404	Prentice, Joseph	c/o Messrs. Lacey & Cannon, Box 1602, Shanghai.
6469	Press, William John	38, Sandhill Gardens, Neill's Hill, Belfast.
3370	Priestley, L. H.	Assistant Engineer's Residence, Tower Bridge, S.E.1.
4560	Prince, Alfred J.	20, rue Ernest Lefèvre, Le Havre, France.
8867	Pring, Chas. Samuel Arthur	10, Empress Avenue, Ilford, Essex.
3185	Pringle, T. R.	10, Buchanan Gardens, St. Andrews.
6402	Procter, Rowland Henry	59, Walmington Fold, Woodside Park, Finchley, N.12.
1261	Proctor, W. E.	47, Seaward Avenue, West Southbourne, Bournemouth.
8184	Proudfoot, Hugh	92, Wanstead Lane, Ilford, Essex.
6535	Proudfoot, Joe Clifford	73, Leopold Avenue, Handsworth Wood, Birmingham, 20.
3195	Proudman, Septimus S. T.	15, Fenwick Street, Liverpool, 2.
7905	Pudner, John Wyndham	14, Westminster Avenue, Morecambe, W.E., Lancs.
6833	Pudney, Fredk. Addison	14, Wilson House, Larkhall Estate, S.W.8.
2774	Puffett, Harold	Ethelburga House, 91-93, Bishopsgate, E.C.2.
7817	Pugh, Frederick Henry Engr. Com'r., R.N., ret.	c/o Officers' Mess, R.A.F. Station, "Hendon", The Hyde, London, N.W.
4538	Pughe, Robert L.	c/o Hayward, Tyler & Co., Ltd., Shell-Mex House, Strand, W.C.2.
2116	Pull, Ernest Engr.-Lieut., R.N.R.	"Aloma", Wick Beech Avenue, Wickford, Essex.
1927	Pullen, G. A.	Empire Works, 58, Harleyford Road, Vauxhall, S.E.11.
8606	Pullen, Isaac Leonard	c/o The Demerara Bauxite Co., Ltd., Mackenzie, Demerara River, B.G.
1928	Pullen, W. L.	Empire Works, 58, Harleyford Road, Vauxhall, S.E.11.
3518	Purcell, Francis J.	4, New Hill Villas, Goodwick, Pem.

MEMBERS.

NO.	NAME.	ADDRESS.
3432	Purves, James	"Strathdee", Pine Road, Heswall, Cheshire.
3933	Puxley, Wm. H.	15, Wyndcote Road, Mossley Hill, Liverpool.
7291	Pybus, Vincent Bristow	c/o Singapore Harbour Board, Singapore.
7739	Pyk, Herman Theodor	Saltsjö Duvnäs, Sweden.
5940	Qualters, Thos. Anthony	274, Knowsley Road, Bootle, Liverpool.
8381	Quant, Albert Angus	314, Lennox Street, Maryborough, Queensland.
5813	Quayle, John	133, Carisbrooke Road, Walton, Liverpool, N.
8868	Quayle, John	68, North Park Avenue, Roundhay, Leeds, 8.
3589	Quelch, Arthur T., B.Sc., O.B.E.	50B, Clarendon Rise, Lewisham, S.E.13.
8324	Quenet, George Alfred	"Fairfield", Barley Lane, Goodmayes, Ilford, Essex.
5068	Quine, John Lindsay Engr. Lieut.-Com'r., R.N., ret.	Chief Instructor, Adult Marine Engineering School, Municipal Technical College, Hull.
7153	Quinn, Edward Burn	Association of Engineers, Singapore.
5775	Quinn, Peter Alex.	82, George Street, Bonhill, Dumbartonshire, Scotland.
2314	Rabaey, F. L.	Lloyd's Register of Shipping, Mersey House, 1, Quai de Rouen, Antwerp.
5870	Rabbidge, Wm. F.	c/o Messrs. Vickers, Ltd., Naval Construction Works, Barrow-in- Furness.
6013	Rae, Alexander R.	P.O. Box 365, Lagos, S. Nigeria.
7077	Rae, Andrew Baxter	"Bon Accord", Chesterfield Road, Epping, N.S.W., Australia.
3476	Rae, Francis	43, Knocklofty Park, Belfast.
4417	Rae, John	641, Woodchurch Road, Landican, Upton, Birkenhead.
3294	Raimes, G. W. B.	211, Eden Park Avenue, Beckenham, Kent.
5698	Raimes, Percy H.	101, Eden Way, Beckenham, Kent.
6321	Raine, Robert J. Capt. A.I.R.O.	c/o Lloyds Bank, Ltd., Eastern Department, 39, Threadneedle Street, E.C.3.
7459	Raine, Valentine Murdy	c/o Electricity P.W.D., Freetown, Sierra Leone.
1766	Rainey, A. G.	3, Honor Oak Road, Honor Oak, S.E.
7867	Rainford, Harry	21, Carlton Street, Prescott, Lancs.
5211	Rainie, Robert, M.C. (Vice-President)	5, Vanbrugh Terrace, Blackheath, S.E.3.
2838	Raïtt, A. G.	2nd Engineer, s.s. <i>Alve</i> , c/o Shipping Manager, Shipping Section, S.A.R. & H., Johannesburg.
4067	Ralston, D. G. F.	South Side, Ravenscourt Grove, Hornchurch, Essex.
5704	Ralston, William	c/o Marine Dept., Anglo-Saxon Petroleum Co., Ltd., St. Helen's Court, London, E.C.3.
6911	Ramsay, Cecil Graham	5, Minehead Road, Aigburth, Liverpool.
3949	Ramsay, Jas.	5, Minehead Road, Aigburth, Liverpool.
8173	Ramsay, John Forrest	c/o Mackinnon Mackenzie & Co., Managing Agents, B.I.S.N. Co., Calcutta.
2822	Rangdale, George S.	67, Trevor Road, West Bridgford, Notts.
7246	Ranger, Harry Lawrence	"Mon Abri", 9, Ash Grove, Guildford, Surrey.
6206	Rankine, Andrew	76, Station Road, Leigh-on-Sea, Essex.
7485	Rashleigh, William Jas.	c/o Archer Coal Depot, Co., Inc., Columbus Building, Port of Spain, Trinidad, B.W.I.
3874	Ratsey, V. D.	81, Dale Street, Liverpool.
8103	Rawlings, Robert	42, Addison Drive, St. Giles, Lincoln.
7296	Rea, Philip Kelly	British India Steam Navigation Co., Ltd., Messrs. Mackinnon, Mackenzie & Co., Managing Agents, Calcutta.
6104	Read, Harold Leslie	54, Kensington Gardens, Ilford, Essex.
6423	Reader, John A.	c/o R.C.M.P., Marine Section, Halifax, N.S., Canada.
6737	Reader, Richard Samuel	"Mylor", 36, Leas Road, Deal, Kent.
3057	Reay, William H.	28, Linenhall Street, Belfast.

MEMBERS.

NO.	NAME.	ADDRESS.
4082	Rebbeck, Fredk. E. D.L., J.P. (Past-President)	Queen's Island, Belfast.
6880	Rechniewski, Robert	24, Rue des Ardennes, Paris (19 ^{ème}), France.
1772	Redman, J. H.	3, Fontayne Avenue, Chigwell, Essex.
5708	Redpath, George Edmund	16, Park Place East, Sunderland.
2850	Reece, Herbert S.	"Moorcroft", Goldcliff, near Newport, Mon.
3358	Reed, George Hoy	7, Wyndale Close, Liverpool, 18.
8311	Reed, George Turnbull	Superintendent Engineer, Silver Line Ltd., c/o Furness (Far East) Ltd., Hong Kong & Shanghai Bank Building, Hong Kong.
3203	†Reed, Norman H.	
8528	Rees, Francis Edmund	Superintendent, Imperial Lighthouse Service, Light Service House, Horton Place, Colombo.
8658	Regan, Joseph William	Texas Co. (S.A.) Ltd., P.O. Box 372, Salisbury, S. Rhodesia.
2814	Reid, Alexr. R.	Association of Engineers, Singapore.
4958	Reid, Alexander Sellar	"Craigowl", William Street, Carnoustie, Angus.
4323	Reid, Francis H., B.Sc., Wh.Ex. (Vice-President)	Principal, Sunderland Technical College, Green Terrace, Sunderland.
4855	†Reid, Robert Gower	
8461	Reid, Robert Hamilton	54, Pollard Road, Whetstone, London, N.20.
2722	Renaut, F. W.	205, Hainault Road, Leytonstone, E.11.
1464	Rendall, J. G.	37, Chestnut Road, West Norwood, S.E.27.
3877	Rennell, Richard I.	c/o The British Oxygen Co., Ltd., Polmadie, Glasgow, S.2.
6712	Rennie, James M.	"Norbury", Queen's Road, Sketty, Swansea.
5608	Rennie, Robert	Lloyd's Register of Shipping, Wyre Dock, Fleetwood, Lancs.
5887	Rennie, William	Lloyd's Register of Shipping, 809, American National Insurance Building, Galveston, Texas.
6150	Renwick, Arthur D.	York House, 5/7, St. Mary Axe, E.C.3.
8143	Revill, William Henry	31, Lyonmeade, Canon's Park, Stanmore, Middlesex.
5002	Reynolds, Henry Victor	"Iona", 1, Welbeck Avenue, Southampton.
6065	Reynolds, Richard Ducie	The Sea Insurance Co., Ltd., 37-41, Gracechurch Street, London, E.C.3.
2867	Reynolds, W. A.	"Wanstead", Mont Albert Road, Canterbury, Victoria, Australia.
6424	Rhodes, Laurence	Mena, Western Road, Chandlers Ford, Hampshire.
5285	†Rhodes, Robert C.	
5236	Rhynas, James A. (Member of Council)	c/o Prince Line, Ltd., Leadenhall Street, E.C.3.
5979	Richardson, Alan Grant	"Kingswood", Coombe Lane, Kingston, Surrey.
6179	Richardson, Andrew Wm. Engr. Lt.-Com'r., R.N., ret.	c/o Babcock & Wilcox, Babcock House, Farringdon Street, E.C.4.
3429	Richardson, Chas. G. Gordon Engr. Lieut., R.N., ret.	2, Croft Gardens, Ruislip, Middlesex.
6869	†Richardson, Henry Dodsworth	
2975	Richardson, John L.	Princes Dock Chambers, Princes Dock Side, Hull.
7305	Richardson, Robert Norman	"Tor", Hawks Hill, Leatherhead, Surrey.
6879	Richardson, Thomas Douglas	Royal Insurance Co., Ltd., 16, Spring Street, Sydney, N.S.W.
6484	Richardson, Thomas Hornsby	c/o The Primary Products Marketing Dept., Invicta House, Wellington, New Zealand.
1890	Richmond, Sir J. R., K.B.E. (Vice-President)	Holm Foundry, Cathcart, Glasgow.
8144	Richmond, William Arthur	18, Kings Bench Street, Hull.
6544	Rickard, Leonard	51, Clancarty Road, London, S.W.6.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
8529	Rickinson, Lewis R. Engr. Lieut.-Com'r., R.N. ret.	Iddesleigh House, Caxton Street, London, S.W.1.
7693	Riddell, Alexander Michie	18, Cleveland Road, London, E.18.
4729	Riddell, Alex. R.	c/o Lloyd's Register of Shipping, 32, Akashi-Mashi, Meikai Buildings, Kobe, Japan.
7656	Riddell, Thomas Cock- burn	14, Newark Street, Greenock.
2770	Riddell, William G., O.B.E.	Messrs. John Hastie and Co., Greenock.
8497	Ridley, Joseph William	Inspector of Machinery, Taiping & Dindings, Mines Dept., F.M.S.
4692	Ridley, William	53, Holmdene Avenue, North Harrow, Middlesex.
8892	Ridyard, Clement John	234, Bitterne Road, Bitterne Park, Southampton.
6329	Rielly, John Brown	c/o Ministry of Industry and Commerce, 26/27, Eden Quay, Dublin.
8645	Rigby, James	Takuapa Valley Tin Dredging Co., Ban Pru, Haad Yai, South Siam.
7278	Righton, Alfred Abbott	"The Cabin", West Avenue, South Shields.
7804	Riley John Leonard	86, Elgin Mansions, Elgin Avenue, Maida Vale, W.9.
7511	Ringshaw, Harold	63, Carmarthen Avenue, East Cosham, Hants.
7513	Ripley, George Alwyne	87, Vale Road, Woolton, Liverpool.
6286	Risoe, Anders	c/o General Mining & Agency Co., Ltd., P.O. Box 237, Singapore, S.S.
6718	Ritchie, Chas.	Plaza Hotel, Broad Street, Durban, S. Africa.
2621	Ritchie, F. G. (Vice-President)	F-1, Union Building, Singapore, S.S.
8841	Ritchie, Geo. Laurence	580, Sidcup Road, Mottingham, London, S.E.9.
3055	Ritchie, Jas.	"Glenbrae", Hakin, Milford Haven.
7127	Ritchie, Wm. Munn	7, Mayfield Crescent, Thornton Heath, Surrey.
1399	†Ritson, S. McK.	
6754	Robb, David Douglas	"Kelso", 11, Blenheim Gardens, Southampton.
7964	Robb, Douglas	9, Atherton Drive, Upton, Birkenhead.
5062	Robb, James Andrew Taylor	128, Beechwood Gardens, Ilford, Essex.
5410	Robb, William A.	72, Cartvale Road, Langside, Glasgow.
8448	Roberts, Arthur Farquhar	"Muritai", Little Crosby Road, Great Crosby, Liverpool, 23.
6877	Roberts, Arthur Lloyd	"Majorie Villa", Grange Road, East Cowes, Isle of Wight.
6300	Roberts, Edgar A.	7, Croftway, Acomb, York.
6500	Roberts, Frederick Earl	42, Tennyson Street, Kurralta Park, Adelaide, South Australia.
5559	Roberts, George H.	Box 15, Lagos, Nigeria.
7733	Roberts, George Victor	17, Brompton Avenue, Great Crosby, Liverpool, 23.
2027	Roberts, John E.	"Ras-el-Tin", Buxton Lane, Caterham, Surrey.
8325	Roberts, John Emrys	65, Longley Avenue, Alperton, Middlesex.
5533	Roberts, John T. Engr. Lieut.-Com'r., R.N.	The Junior Army & Navy Club, Horse Guards Avenue, S.W.1.
6125	Roberts, Leslie T. B.	6, Ridgeway East, Yallourn, Victoria.
7520	†Roberts, Robert	
5806	Roberts, Thomas J.	"Elsinore", Victoria Road, Douglas, I.o.M.
3856	Roberts, Wilfred	10, London Street, E.C.3.
3093	Roberts, Wm. Henry	c/o Overseas Navigation Trust, Ltd., Stone House, Bishopsgate, E.C.2.
5718	Robertson, Alexander Linklater	55, Stewart Drive, Clarkston, Renfrewshire.
1885	Robertson, Alfred, c.c. (Hon. Treasurer)	23, Leadenhall Street, London, E.C.3.
8925	Robertson, Andrew	11, Rodney Street, Edinburgh.
1155	Robertson, B. B.	"Coo-ee", Five Mile Road, St. Ouen's, Jersey, C.I.
5762	Robertson, D. P.	c/o The Institute.
4722	Robertson, Edgar J.	S.s. <i>Icotea</i> , Lago Shipping Co., San Nicolas, Aruba, N.W.I.
7348	Robertson, George Stephen Kieffer	38, Highfield Drive, Ewell, Surrey.
7715	Robertson, James	33, Southfield Road, Middlesbrough.
6489	Robertson, James Purves	124, Grosvenor Road, South Shields.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
5385	Robertson, John J.	29, Wallace Road, Loughborough.
7481	Robertson, Norman MacFarlane	95, Clifton Road, Aberdeen.
1201	Robertson, Thos.	25, Easter Drylaw Drive, Edinburgh, 4.
7467	Robertson, William Hamilton	18, Dorset Drive, Canon's Park, Edgware, Middlesex.
5579	Robertson, Wm. T.	Engineer Surveyor of Ships, Marine Dept., Government Buildings. Christchurch, New Zealand.
4545	Robinson, C. F. Engr.-Lieut., R.N., ret	Khedivial Mail Line, Alexandria, Egypt.
5243	Robinson, Edward	7, Argyll Road, W.8.
2905	Robinson, E. F. B.	Martins Bank, Ltd., 171, High Street, Southampton.
6637	Robinson, Fredk. George	6, Beckwith Road, Herne Hill, S.E.24.
8365	Robinson, John Charles Stewart	1, Milton Terrace, North Shields.
5369	Robinson, Joseph	Crosby, Fox's Dale, Blackheath, S.E.3.
3976	Robinson, Dargue	107, The High, Streatham, S.W.16.
6975	Robinson, Lawrence Jas.	22, Greta Avenue, West Hartlepool, Co. Durham.
6769	Robinson, Leslie	Insurance Engineers, Ltd., 51-55, Mortimer Street, London, W.1.
2504	Robinson, Mark	19, Neville Road, Waterloo, Liverpool, 22.
6105	Robinson, Thomas H.	8, Osborne Street, Gardenvale, Melbourne, Victoria.
5479	Robson, Arthur A.	R.F.A. <i>Ebonol</i> , c/o G.P.O., London.
4041	Robson, Edward G.	c/o Engineering Department, Royal Mail Lines, Ltd., Royal Mail House, Southampton.
6087	Robson, Thomas E.	c/o H. L. Robson, 8, Rockville, Fulwell, Sunderland.
6934	Robson, Thomas Wm.	"Reslaw", Hodgkin Park Crescent, Benwell, Newcastle-on-Tyne.
1458	Robson, W. H.	"Newburn", Carbery Avenue, West Southbourne, Bournemouth.
5995	Roche, John Wm.	20, Lilac Gardens, Low Fell, Gateshead-on-Tyne.
6758	Rodericks, Raymond Nonato	Chief Engineer, T.s.s. <i>Irwin</i> , Dhanushkodi, South India.
7883	Rodger, Robert	Lloyd's Register of Shipping, Letricheux Buildings, Adelaide Street, Swansea.
1637	Roffey, Chas. E.	9, Burgh Quay, Dublin.
2404	Roger, Geo. W.	44, Dartmouth Row, Blackheath, S.E.3.
7787	Rogers, Benjamin	"Nova", Tycehurst Hill, Loughton.
7184	Rogers, Charles Hartley Delacourt	c/o Messrs. Burls, Gordon & Whiteford, 4, Lloyd's Avenue, E.C.3.
4911	Rogers, Fredk. Arthur	46, Sheadon Avenue, Mossford Park, Ilford.
4040	Rogers, Fredk. R.	Birkenhead Technical School, Leighton Road, Birkenhead.
6964	Rogers, Herbert Cannington	Lloyd's Register of Shipping, 32, Oxford Street, Southampton.
2219	Rogers, H. M.	4, Lloyd's Avenue, E.C.3.
1701	Rogers, J. J.	"Mayville", Upper West Cross Lane, West Cross, Swansea.
7336	†Rogers, John	
8145	Rogers, John Leslie Couch	Port & Marine Services, Port-of-Spain, Trinidad.
8146	Rolland, Thomas Carmichael	29, Manor Road, Ruislip, Middlesex.
5743	Rooks, George	"Ashbrooke", Heath Park Avenue, Cardiff.
8498	Roper, Francis William	Star House, Feniscowles, near Blackburn.
1951	Roper, G. A.	Heiston Road, Kelvingrove, Brisbane, Australia.
7965	Roscoe, Wm. N.	60, Jenner Road, Barry, S. Wales.
7424	Ross, Daniel McIntosh	74, Blockley Road, North Wembley, Middlesex.
2669	Ross, Leo	151, Burgess Road, Bassett, Southampton.
3662	Ross, Sidney C.	14, Bury Street, E.C.3.
7136	Ross, William	48, Mount Stuart Street, Glasgow, S.1.
3128	Rossolymos, John	84, Leadenhall Street, E.C.3.
7349	Rourke, Wilfred	Chief Engineer, m.v. <i>Silverelm</i> , c/o Messrs. S. & J. Thompson, Ltd., 80, Bishopsgate, E.C.2.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
6158	Routledge, George W.	S.S. City of Canterbury, c/o Ellerman & Bucknall S.S. Co., 104/6, Leadenhall Street, E.C.3.
6526	Routledge, Joseph	c/o Captain Kidd, 9, Clive Street, Calcutta, India.
8685	Roughton, John Harry Lieut.-Com'r. (E.), R.N.	10, Auckland Road East, Southsea.
6537	Row, George Y.	c/o Insurance Engineers, Ltd., 12, East Parade, Leeds.
7250	Rowcliffe, Charles Reginald	c/o Lloyd's Register of Shipping, 5, Alexandra Buildings, P.O. Box 463, Hong Kong, China.
1831	Rowe, A. E.	37, Pearl Street, New York, U.S.A.
8391	Rowe, William Albert	96, Whitehall Road, Gateshead, Co. Durham.
8751	Rowe, Wm. Ashley	43, Druid Hill, Bristol, 9.
6944	Rowland, David Griffith	"Almora", Windsor Terrace, Cardigan.
8082	Rowntree, John	13, High Barnes Terrace, Sunderland.
6630	Rowstron, Norman Stanley	131, Rochester Way, Blackheath, S.E.3.
3270	Roxburgh, W. L.	14, Phoebeth Road, Ladywell, S.E.4.
8599	Roy, William	c/o Mrs. McCracken, 52, Rugby Road, Belfast.
2714	Rue, Henry	Billiter Buildings, Billiter Street, E.C.3.
2995	Russell, Donald	16b, Tudor Court, Purley, Surrey.
8449	Russell, George Richard	17, Bernard Street, Swansea.
6966	Russell, Henry	20, Bank Street, Greenock.
8270	Russell, Henry	35, Abbots Road, Grangemouth.
6092	Russell, James W.	Shell Oil Co., Portland, Victoria, Australia.
4115	Russell, John	"Corona", Marine Drive, Rottingdean, Brighton.
3414	Russell, John B.	"Davenham Cottage", Mossend, Bellshill, Lanarkshire.
7844	Russell, John C.	Sushila, Bhavann, Mahramapet, Waltair, Vizagapatam, India
8510	Russell-Roberts, Edmund Godfrey	Fir Knob House, Beacon Hill, Hindhead, Surrey.
7492	†Rust, Reginald Shurly	
3628	†Rutherford, Harold	
4298	Rutherford, J. M.	"The Cottage", Duns, Berwickshire.
2807	Rutherford, Nicholas G.	29, Park Road, London, N.W.1.
1257	Rutter, Ed. W. Engr. Com'r., R.D., R.N.R., ret.	c/o Miss Barnes, 28, St. Helens Road, Hastings, Sussex.
2414	Rutter, J. E.	c/o G. Duncan, Esq., "The Nest", Portincaple, Garelohead, Dum-bartonshire.
4712	Ryan, Bernard J.	Mechita F.C.O., Buenos Aires.
2783	Ryan, Joseph S.	The Montevideo Gas & Dry Dock Co., Ltd., Montevideo, Uruguay, S. America.
6280	Ryland, Edmund T.	"Oaklea", Keppington Road, Sevenoaks, Kent.
5506	Ryland, William H.	Engineer, c/o Anglo-Saxon Petroleum Co., Ltd., St. Helen's Court, E.C.3.
2328	Ryrie, Jas.	19, Bracken Avenue, Nightingale Lane, London, S.W.12.
5233	St. Jorre, George de	c/o Messrs. Hall & Hall, 47, Leadenhall Street, E.C.3.
6666	†Saint-Yves, Eric M.	
6865	Sakić, Pero	Wilsonova Obala, 25, Split, Jugoslavia.
7283	Salt, Henry Stuart	112, Westmouth Avenue, Toronto, Ontario, Canada.
8926	Salter, James	New Zealand Shipping Co., Ltd., 138, Leadenhall Street, E.C.3.
8927	Sampson, William	9, Alderton Crescent, Hendon, N.W.4.
6714	Samuel, Henry Austin	16, Victoria Street, Seaham Harbour, Co. Durham.
6804	Sanderson, Emmerson Redvers	c/o C. B. Nelson & Co., 240, Dasmarinas, Manila, Philippine Islands.
6294	Sanderson, John B.	Meden Bank, Pleasley Vale, Mansfield, Notts.
7183	Sandilands, Alexander	3, Budoch Drive, Goodmayes, Essex.
5838	Sands, James L. Eng. Captain, R.N., ret.	St. Vincent, Cape Verde Islands.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
3191	Sangster, Chas. Cecil	3, The Ridgeway, Harold Wood, Essex.
4960	Sargeant, Aaron	c/o Messrs. A. Sargeant & Co., Ltd., Britannia Iron Works, Alice Street, Brisbane.
5750	‡Sass, Friedrich, Dr.	Direktor des Germanischer Lloyd, Alsenstrasse 12, Berlin, N.W.40, Germany.
5575	Saunders, Chas. W.	c/o General Electric Co., Ltd., Magnet House, Kingsway, W.C.2.
6565	Saunders, Francis Arthur	"Osiris", Russell Road, Lee-on-the-Solent.
3310	Saunders, Kemp A.	c/o Messrs. Casebourne, Saunders & Co., 27, Creechurch Lane, E.C.3.
3340	Savage, Herbert J.	Billiter House, Billiter Street, E.C.3.
7845	Scaife, Lewis Maughan	79, Sidecliff Road, Roker, Sunderland.
7566	Scaife, Thomas Lambert	49, Links Avenue, Monkseaton, Northumberland.
6512	Scanes, John James	59, Malden Hill, New Malden, Surrey.
7040	Sclater, James Baillie	c/o B.I. Engineers' Club, 15a, Kyd Street, Calcutta.
7342	Scobie, James Kean	c/o Shanghai Power Co., P.O. Box 404, Shanghai, China.
8869	Scorer, Percy	37, Green Lane, Purley, Surrey.
7026	Scorer, Sydney Davison	"Dornden", Chazey Road, Caversham Heights, Reading.
6815	Scotland, Wm. Archibald	"Clanalpine", 13, Portland Crescent East, Streatfield Road, Stanmore, Middlesex.
7223	Scott, Alan Douglas	c/o Compagnie Generale Frigorifique, Boanamary, Majunga, Madagascar.
2985	Scott, Arch., junr.	42, Hawarden Avenue, Egremont, Cheshire.
5014	Scott, Archibald Hills	c/o Bell Scott & Co., Ship Street, Cork, Eire.
8043	Scott, Archibald Jardine	167, Dumbarton Road, Clydebank.
7904	Scott, George	c/o Cox & Co., Falmouth.
5173	Scott, Harry B.	91, Muirkirk Road, Catford, S.E.6.
7508	Scott, Hedley	17, Barnfield Avenue, Shirley, Surrey.
8013	Scott, Ian Hubert	Rowmore, West Kilbride, Ayrshire.
2731	Scott, John	45, Longreins Road, Barrow-in-Furness.
5589	Scott, Robert W.	W. African Treatment Co., Ltd., N'tubia Gold Areas Ltd., Dinikwa, Gold Coast, W. Africa.
7694	Scott, Sidney Lamont	69, Victoria Road, Sydenham, Belfast.
4266	Scott, Thos. Fredk.	"Bradgate", Culberhay, Ashtead, Surrey.
1949	Scott, Thos. J.	"The Lawn", Ulverston, Lancs.
4756	Scott, William Engr. Com'r., R.D., R.N.R. ret.	Spring Bank, Brigham, Cockermouth, Cumberland.
8600	Scott, William Purdie	488, Finchley Road, London, N.W.11.
7275	Scougal, George	40, Fifth Avenue, Newcastle-on-Tyne, 6.
1553	Scullard, G. A.	Irish Town, Gibraltar.
5311	Scullard, G. T. B.	c/o 36, Ingleby Road, Ilford, Essex.
3818	Seaton, Norman, D.S.C.	Marine Superintendent, South Indian Rly. Co., Dhanushkodi, South India.
2103	Seaton, W. T.	40, Argyle Road, Ilford, Essex.
8392	Segerlind, Harold Lars	c/o The Aidelaide Steamship Co., 101, Leadenhall St., London, E.C.3.
4861	§Sellar, William	"Braemar", Reaville Park, Dundonald, Co. Down.
2804	Sellex, E. M.	12, Lake Rise, Raphael Park, Romford, Essex.
8083	Senior, Herbert Vincent	Harleston House, Quorn, Leicestershire.
7052	Seymour-Shove, Ralph	S.P.V. <i>Lady Fraser</i> , c/o Port Office, 15/1, Strand Rd., Calcutta, India.
8313	Shacklock, Thomas Harvey	15, Belle Vue Crescent, Tunstall Road, Sunderland.
7028	Shakespeare, Gordon Cecil	16, Hillside Gardens, Tunstall Road, Sunderland.
5962	Shanks, James Y.	38, Thirlestane Road, Edinburgh.
7613	Shannon, Arthur Allen	P.W. Dept., Diesel Station, Dobson.
3715	Shannon, Wm. E.	Assistant Station Supt., Power Station, Lake Waitaki, Otago, New Zealand.
4598	Shapley, Frank	"The Gables", Heyes Lane, Alderley Edge, near Manchester.
7950	Sharp, Frank	South Lodge, 21, Belvedere Road, Princess Park, Liverpool.
5028	Sharp, John, Capt., M.C.	Trinidad Police Force, Trinidad, B.W.I.

‡ Denny Gold Medallist, 1927.

§ Denny Gold Medallist, 1923.

MEMBERS.

NO.	NAME.	ADDRESS.
7986	Sharp, John William	153, Stanhope Road, South Shields.
1111	Sharp, W. E.	"Grigsby", Lewisham Road, River, Dover, Kent.
4496	Shaw, Edward	27, Frensham Road, New Eltham, S.E.9.
8784	Shaw, Herbert Edwin	12, Kynaston Close, Harrow Weald, Middlesex.
6503	Shaw, Jas.	Darjeeling Himalayan Railway, c/o Messrs. Gillanders Arbuthnot & Co., Ltd., 8, Clive Street, Calcutta.
6160	Shaw, Richard S.	c/o Mrs. L. M. Bodger, "Ashley", 11a, The Grove, W. Wickham, Kent.
6840	Shea, Rowland Wm.	The Rectory, Newport, Co. Mayo, Eire.
4823	Sheidow, Joseph J.	"Dagnan", Orchard Road, Chelsfield, Farnborough, Kent.
2561	Shepherd, Forbes D.	21, Victoria Street, Aberdeen.
4534	Shepherd, James	6, Dock Street, Hull.
1867	Sheppard, Fred E.	2/3, Billiter Avenue, E.C.3.
7147	Sherman, Wm. Harold	Inspection of Machinery Department, West Australian Government, Perth, West Australia.
6680	Shiba, Koshiro	Mitsubishi Jukogyo Kaisha, Ltd., Tokyo.
5531	Shields, Arthur Alfred Grove	27, Church Road, Byfleet, Surrey.
6683	Shields, Edwin	"Burnfoot", 10, Compton Road, Buxton, Derbyshire.
6400	Shields, William F. H.	8, Forbes Road, Faversham, Kent.
4101	Shilston, Thomas Durant	Lloyd's Register of Shipping, 71, Fenchurch Street, E.C.3.
10	*Shorey, F. W.	D'Arcy Hall, White Rock Gardens, Hastings.
6055	Short, Walter C. T.	c/o Municipal Mutual Insurance Co., King Edward House, New Street, Birmingham, 2.
8425	Shortt, Alfred Frazier	Sociedad Petrolifera Española, Apartado 120, Las Palmas, Gran Canaria.
6812	Shott, George Nisbet	B.O.T. Surveyors' Office, Telephone House, Carloliol Square Newcastle-on-Tyne.
7602	Shroff, Ratanshaw Bapuji	Chief Engr., <i>Dredger Tuticorin</i> , Port Trust, Tuticorin, S. India.
8028	Sidgwick, Robert Davison	"Fair View", Cranham, Upminster, Essex.
5865	Silley, Bernard L., B.A. (Camb.)	Blackwall Yard, E.14.
2935	Silley, G. F.	c/o Messrs. R. & H. Green & Silley Weir, Ltd., Blackwall Yard, London, E.14.
5609	Silley, Henry A. J. (Member of Council)	130/2, Leadenhall Street, E.C.3.
1437	§Silley, J. H., O.B.E. (Past President)	130-132, Leadenhall Street, E.C.3.
3141	Sim, John	c/o Lloyd's Register of Shipping, 5, Higashikonzecho, Dairen, Manchuria.
7764	Simey, George	Chief Engr., c/o B.I. Engineers' Club, 15a, Kyd Street, Calcutta, India.
7125	Simmons, Harold James	15, Macoma Road, Plumstead, S.E.18.
4635	Simons, Wilfred	18, Gretton Road, Weldon, near Kettering.
6135	Simpson, Adam	154, Bishopsgate, London, E.C.2.
4751	Simpson, Charles	95, Kenilworth Gardens, Hornchurch, Essex.
7469	Simpson, Samuel	Engineer-in-Charge, London County Council, County Hall, Westminster Bridge, S.E.1.
5265	Simson, W. G.	7/7, Dumayne Avenue, Kidderpore, Calcutta.
6002	Sinclair, Fred. Thornton	4, Reedale Road, Mossley Hill, Liverpool, 18.
97	Sinclair, John R.N.R., R.D.	16, Rydal Road, Streatham, S.W.16.
8084	Sinclair, John Campbell	c/o M. V. Tweedmuir, Messrs. Andrew Weir & Co., 21, Bury Street, London, E.C.3.
4048	Sinclair, Robert	Woodlands, Ventnor, Isle of Wight.
5650	Sinclair, Robert S.	73, Kempock Street, Gourrock, Scotland.
2393	Sinclair, Wm.	Messrs. Wildridge & Sinclair, Alliance Buildings, 97, Pitt Street, Sydney, N.S.W.
6979	Sinclair, William Gillies	c/o Mrs. Boyd, George Place, 9, Bentinck Street, Greenock, W.
7868	Singer, Aeneas Dundas	16, Florida Street, Mount Florida, Glasgow, S.E.

*Life Member.

§ Denny Gold Medallist, 1901.

MEMBERS.

NO.	NAME.	ADDRESS.
4709	Skinner, John H.	"Glenmore", Westbourne Avenue, Hull.
2509	Skipper, C. N.	28, Abbotsford Road, Goodmayes, Essex.
8672	Slater, Charles William Lawrence Engr.-Com'r., R.D., R.N.R., ret.	203, Malden Way, New Malden, Surrey.
7554	Slater, William Basil	7, Summerside Street, Leith, Edinburgh, 6.
5839	Slatter, Joseph F. Engr. Com'r., R.D., R.N.R.	107, Abbey Road, Stoke Lane, Westbury-on-Trym, Bristol.
7273	Sleigh, Joseph	"Fern Lea", Cheshyres Lane, Weston, Runcorn, Cheshire.
2854	Sleight, J. W.	"Braemar", Weelsby Road, Grimsby.
5277	Slingsby, G. A.	14, Havelock Road, Dartford, Kent.
338	Sloggett, G.	35, Stacey Road, Cardiff.
2018	Smail, David	62, Robertson Street, Glasgow, C.2.
1856	Small, George	c/o A.U.S.N. Co., Ltd., Lime Street, Sydney, Australia.
6176	Smeaton, Robert	"Holmside", Elmslie Road, Falmouth.
4252	Smellie, Alexr.	Lloyd's Register of Shipping, Bank Chambers, 2, Freeman Street, Grimsby.
6803	Smethurst, Jas. Milliken	"The Bungalow", 47, Valley Road, Shortlands, Kent.
6426	Smit, Ronald Nicholas Forrest	Box 940, Durban, South Africa.
4716	Smith, A. J.	51, Old Hall Lane, Rusholme, Manchester.
7926	Smith, Alan Funge Lieut. (E.), R.N.	"Inglenook", Fingringhoe, Essex.
3337	Smith, Arthur	Chief Engineer, m.v. <i>Toneline</i> , c/o Messrs. A. I. Mantacheff et Cie, 1, Rue d'Eglise Debbane, Alexandria, Egypt.
2897	Smith, Arthur C.	Hoxton Baths, 40, Pitfield Street, N.1.
8409	Smith, Arthur Dinsdale	38, Maple Avenue, Monkseaton, Northumberland.
2677	Smith, Aubrey B.	45, Westmoreland Road, Barnes, S.W.13.
2740	Smith, David	Seacraig House, King Street, Newport-on-Tay.
8477	Smith, D. A. Lyall	379, Spring Bank West, Hull.
5123	Smith, Donald V.	287, Colchester Road, Ipswich.
7358	Smith, Fred	2, Southgarth Cottages, South Shields.
3845	Smith, Fredk. G. Brooke	c/o Lloyd's Register of Shipping, 49, Queen Square, Bristol, 1.
8824	Smith, Fredk. Wm.	"Auldgirth", River Drive, Upminster, Essex.
6529	Smith, George Fraser	150-154, Benson Road, Newcastle-on-Tyne, 6.
6213	Smith, G. Skeen	Office of the Chief Inspector of Boilers, New Law Court Building, Rangoon, Burma.
5474	Smith, Henry R.	120, Sweetbrier Lane, Exeter, Devon.
8438	Smith, James	c/o Mrs. A. Stewart, 21, Burns Street, Dalmuir West, Glasgow.
6738	Smith, James Frederick	Deputy Elec. and Mech. Engineer, Borough of Southwark Generating Station, Penrose Street, Walworth, S.E.17.
3591	†Smith, Jas. Washington	28, Norbury Gardens, Chadwell Heath, Essex.
7633	Smith, Jas. William	
1590	†Smith, J. D.	
7927	Smith, John Hearn	19, Clavering Road, Wanstead Park, E.
4767	Smith, J. Mc I. Engr. Lieut.-Com'r., R.D., R.N.R., ret.	Peacock's Point, Balmain, Sydney, N.S.W.
3045	Smith, John Troup	c/o Mrs. Blackie, 40, Champion Hill, S.E.5.
7435	Smith, Richard Halford	"Rockview", Sandbank, Argyllshire.
6568	Smith, Robert	53, Beattyville Gardens, Ilford, Essex.
5844	Smith, Sydney A., M.Sc. (Member of Council)	Engineers' Department, P. & O.S.N. Co., 122, Leadenhall Street, E.C.3.
3936	Smith, Sydney P.	18, Upwood Road, Lee, S.E.12.
7884	Smith, Thomas James	17, Nelson Avenue, Stoke, Devonport, Devon.
1869	Smith, Walter	15, Ashburnham Gardens, Harrow-on-the-Hill, Middlesex.
8785	Smith, Walter	43, North Way, Kingsbury, London, N.W.9.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
7600	Smith, William George	Chief Engineer, Port Dept., Port Louis, Mauritius.
5231	Smith, William H.	Foot of 23rd Street, Brooklyn, N.Y., U.S.A.
7134	Smith, William Henry	Traffic Dept., United Africa Co., Ltd., Burutu, S. Nigeria, British West Africa.
7449	Smith, William McCombie	2nd Engineer, <i>Durham Castle</i> , Union Castle Line, 3 & 4, Fenchurch Street, E.C.3.
8230	Smith, William Sweet	c/o R. Morgan, Woodville Court, High Barnes West, Sunderland.
646	Smithson, A. E.	Dowlais Chambers, West Bute Street, Cardiff.
8637	Smithson, John Brown	60, Borough Road, Redcar, Yorks.
3727	Snell, John	P.O. Box 439, Wellington, New Zealand.
3362	Snellgrove, Wm. Geo. R.	Supt. Engr., Messrs. Burns, Philp & Co., Ltd., P.O. Box No. 543B, Sydney, N.S.W.
6382	Snoswell, Bertram	187, Lennards Road, New Beckenham, Kent.
8214	Soanes, Ernest Guy	c/o Alcock Ashdown Co., Ltd., Defence Works, Mazagon 10, Bombay.
1600	Soar, M.	Housley Park, Chapeltown, Sheffield.
2732	Somerscales, A. N.	No. 6, Dock Street, Hull.
4125	Sorge, L. F. P.	95, Harrowdene Road, Wembley, Middlesex.
3572	Sothorn, J. W. M.	11, Bridge Street, Glasgow, C.5.
6410	Soulsby, Llewellyn Thomas Gordon	c/o Mount Stuart Dry Docks, Cardiff.
8085	Souter, Radford Thompson	6, Seafield Road, Aberdeen.
3970	Southwell, H. Penrith (Vice-President)	Lloyd's Register of Shipping, Exchange Building, Sprott Road, Ballard Estate, Bombay.
6071	†Southwell, Wm. John	
2390	Sowter, A. K.	Gresham House, Old Broad Street, E.C.2.
3522	Spanner, Edward F.	9, Billiter Square, Billiter Street, E.C.3.
4204	Speck, Geo. L. W.	c/o Rotterdam Dry Dock Co., Billiter House, E.C.3.
3720	Speechly, C. C.	"Little Cedar", The Close, Gidea Park, Essex.
958	Speedy, Walter	"Ad Astra", 17, Cedars Gardens, Withdean, Brighton, 6.
1863	Speirs, Andrew	Devonport Place, Kelburne Street, Millport, Buteshire.
8499	Speirs, John	6, The Avenue, Girvan, Ayrshire.
1829	Spiers, D.	Ardgowan, Cults, Aberdeenshire.
6604	Spray, James	21a, Monkmoor Road, Shrewsbury, Salop.
8152	Sproul, John Oscar	18, Caebryn Avenue, Sketty, Swansea, Glam.
8870	Spurrier, Alfred Edgar	432, Winchester Road, Bassett, Southampton.
7014	Stacy, Alfred Edgar Francis	c/o Port Captain, Port Elizabeth, C.P., South Africa.
7216	Staincliffe, John	22, Cromwell Terrace, Halifax.
8825	Stallworthy, Geo. Hudswell	78, Park Road, Gosport, Hants.
5797	Stanbridge, Charles Henry	Electricity Department, Port Elizabeth Municipality, Box 369, South Africa.
6802	Stark, Richard (Vice-President)	Commonwealth Navigation Service, 35, Wills Street, Melbourne, C.1, Australia.
3744	Starnes, Cyril W.	"Blackheath", Acklam Road South, Middlesbrough.
8375	Steadman, Leslie Herbert Eng. Lieut., R.I.N.	H.M.I.S. <i>Clive</i> , c/o Navy Office, Bombay, India.
7179	Steel, James Laurie	c/o Marine Dept., Maritime Customs, Shanghai, China.
3648	Steele, Jas. E.	88, Cloberhill Road, Knightswood, Glasgow.
6917	Steele, Wm. Richard Eng'r. Com'r., R.D., R.N.R.	Supt. Engr., Messrs. Bullard & King & Co., Ltd., 14, St. Mary Axe, E.C.3.
5455	Steer, William H.	7, Crouch Croft, New Eltham, London, S.E.9.
7178	Step, Alexander James Gibson	52, Ocean Street, Woolahra, Sydney, N.S.W.
7231	Stephen, William Ogg	91, Monifieth Road, Broughty Ferry, Scotland.
5540	Stephens, Edwin R.	"Highcliffe", 132, Swinderby Road, Wembley, Middlesex.
7437	Stephens, Floyd Charles	Whitley House, Derwent Road, Llanishen, Cardiff.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
4640	Stephenson, B.	22, Moss Lane, Bramhall, Cheshire.
6374	Stephenson, Wm. Fowler	8, Walpole Terrace, Brighton.
6473	Steven, Wm. L.	14, Hillend Road, Burnside, Glasgow.
5943	Stevens, Ernest A.	136, Taggart Avenue, Childwall, Liverpool, 16.
1736	Stevenson, A. M.	"Claireview", Pilling Lane, Lydiate, Lancs.
1572	Stevenson, H.	Cardiff Marine Engineering Academy, 12, Piercefield Place, Newport Road, Cardiff.
7241	Stevenson, James	c/o Cotonniere Brasil Ltda., Caixa Postal 104, Sao Luiz do Maranhao, N. Brazil.
7048	Stevenson, James Leslie Maxwell Com'r. (E.), R.N.	H.M.S. <i>Amphion</i> , c/o G.P.O., London.
8231	Stevenson, John Samuel Hodgart	Chief Engineer Officer, I.M.M.T.S. <i>Dufferin</i> , Mazagon Pier, Bombay, 10.
8426	Stevenson, William Brown	70, Arrol Drive, Ayr, Scotland.
7695	Steward, John	Station Road, Rainhill, Lancs.
7062	Steward, Norman Fletcher	23, Hollywell Road, North Shields, Northumberland.
8118	Stewart, James George	c/o Messrs. W. Hammer & Co., Ltd., Fullerton Road, Singapore, S.S.
8893	Stewart, Robert	21, Astor Avenue, Dover, Kent.
7560	Stewart, Walter Augustus Lieut. (E.), R.N.	c/o Lloyd's Bank, Devonport.
6036	Stileman, John W. Hampson	Lloyd's Register of Shipping, 71, Fenchurch Street, E.C.3.
5862	Still, William A.	77, Dorian Drive, Williamwood, Clarkston, near Glasgow.
2686	Stirling, A. G.	12, Water Street, Georgetown, Demerara, B.G.
8217	Stirling, Erwin Albert	29, Ercall Gardens, Wellington, Salop.
7998	Stobbs, John	c/o 10, Craneswater Park, Norwood Green, Southall, Middlesex.
5756	Stockdale, A. E.	Messrs. Hay & Smart, 529, Tower Building, Water Street, Liverpool.
7500	†Stokle, Robert	
7018	Stone, Alfred	Eng. Dept., Ocean Accident & Guarantee Corporation, 36, Moorgate, E.C.2.
7211	Stonehouse, George Herbert Leslie	63, Welwyn Park Road, Beverley High Road, Hull.
7470	Stonier, George Hammett	"Arden", Tanhouse Lane, Colley Gate, Cradley, Staffs.
5192	Storm, Harry	"Shieling", Stakesby Road, Whitby.
4915	Stott, William	57, Avenue de l'Etang, Wilrych, Antwerp, Belgium.
7181	Strachan, Richard Renyard	c/o New Zealand Shipping Co., Ltd., 138, Leadenhall Street, London, E.C.3.
8517	Strang, James Wylie	2nd Engineer, m.v. <i>Auris</i> , c/o Anglo-Saxon Petroleum Co., Ltd., St. Helen's Court, London, E.C.3.
7657	Strapps, Charles George	China Navigation Co., c/o Messrs. Butterfield & Swire, Hong Kong.
4874	Straughan, John William Stephenson	20, The Rise, Edgware, Middlesex.
4333	†Strelley, Alfred C.	
7502	Strong, Charles Edward Wilton Gray	129, Worrall Road, Sheffield, 6.
5175	Strother, Fleming	c/o Trinidad Petroleum Development Co., Palo Seco, Trinidad, B.W.I.
7805	Strub, Roman Emil	3, Pemberley Avenue, Bedford.
8147	Struthers, Joseph Sutherland	4, Panmure Road, Sydenham Hill, London, S.E.26.
7678	Stuart, Charles E.	China Navigation Co., c/o Messrs. Butterfield & Swire, Hong Kong.
1904	Stuart, Thos. R.	58, Bassett Gardens, Osterley, Middlesex.
8802	Sturgess, Frederick John Howard	1, Chestnut Avenue, East Sheen, S.W.14.
8271	Suddes, Thomas Ernest	51, Alwinton Terrace, Gosforth, Newcastle-on-Tyne.
8804	Suffield, Charles Augustus	4, Lloyd's Avenue, London, E.C.3.
4899	Sumner, George	13, Woodland Road, Rock Ferry, Cheshire.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
5461	Sutcliffe, John Carter Malone	c/o B.o.T. Surveyors' Office, Posterngate, Hull.
8194	Sutcliffe, William Clapham (Vice-President)	c/o Messrs. John Brown & Co., Ltd., Glasgow.
5606	Sutherland, A. J.	c/o Marine Branch, Navigation & Lighthouses, Customs House. Sydney, N.S.W.
6696	Suttie, Alexander Maver	47, Shamrock Street, Dunfermline.
1868	Sutton, A. L.	3217, 7th Avenue West, Vancouver, B.C.
7333	Sutton, Alexander George	55, Selwood Road, Croydon, Surrey.
6553	Swainston, Christopher M.	16, Beckenham Avenue, East Boldon, Co. Durham.
7106	Swanbrow, Charles Jack	126, Trafalgar Road West, Gorleston, Gt. Yarmouth.
7103	Swancoat, Norman Hislop	c/o Shaw, Savill & Albion Co., Eng'rs. Dept., Royal Albert Dock, E.16.
5561	Swanson, James M.	40, Sunnyside Drive, Clarkston, Nr. Glasgow.
7221	Swinney, Thomas James	St. Leonards House, Sheen Lane, S.W.14.
3860	Swinson, E. A. S.	Gt. Patrick Street, Belfast.
6703	Sword, David H.	"Lynedoch", Darvel, Ayresshire.
8928	Sword, Joseph Henry	16, Ethelburt Avenue, Swaythling, Southampton.
6634	Sykes, John A.	3, Melville Avenue, Wimbledon, S.W.20.
7160	† Sylow, Paul Blomfield	
7258	Taberner, Harold Quine Fairfield	26, Wheats Avenue, Quinton Road, Harborne, Birmingham.
8212	Taggart, Robert	200, Cansfield Grove, Ashton-in-Makerfield, Wigan.
3671	Tait, Jas. R.	"Morven", Church Way, Whetstone, N.20.
6940	Tait, Wm. August	c/o Association of Engineers, Raffles Quay, Singapore.
4197	Talbot, Edwin C.	The Prince of Wales Dry Dock Co. (Swansea), Ltd., Swansea.
5374	Tanner, Francis Alfred George	c/o Shell Co. of Portugal, Rua do Crucifixo, 49, Lisbon, Portugal.
2140	Taphouse, Ernest L.	2, Deyncourt Gardens, Upminster, Essex.
6452	Tasker, Wilfred E.	Aldot, Corner George and May Streets, Fremantle, Western Australia.
5431	Tate, Thomas G.	Box 1109N., G.P.O., Brisbane, Queensland.
4406	Taylor, David	"Montana", 26, Stamperland Gardens, Clarkston, Glasgow.
2749	Taylor, Geo. H.	13-14, Walbrook, London, E.C.
8086	Taylor, Henderson Kilgour	The British Corporation Register of Shipping and Aircraft, 14, Blythswood Square, Glasgow, C.2.
7532	Taylor, Henry	19, Oakhurst Road, Darlington.
6873	Taylor, Henry	21, Shawbury Avenue, Higher Bebington, Cheshire.
8029	Taylor, Henry Albert	7, Sunnymede Drive, Ilford, Essex.
8894	Taylor, Humphrey Howard	81, Cowbridge Road, Riverside, Cardiff.
6995	Taylor, Herbert Leslie	4, Lloyd's Avenue, London, E.C.3.
5036	Taylor, James	15, Parkside Way, Harrow, Middlesex.
2923	Taylor, J. F. Lieut., R.E., ret.	T. & G. Buildings, 192, Hereford Street, Christchurch, N.Z.
7826	Taylor, John McFarlane	Staff Quarters No. 107, c/o Anglo-Iranian Oil Co., Ltd., Abadan, S. Iran.
6771	Taylor, John Mitchell	Burgemeester Knappertlaan, 140, Schiedam, Holland.
8673	Taylor, John William	4, Aldborough Grove, Hull.
5201	Taylor, Leonard H.	c/o Lt.-Col. W. L. Gadd, Rosherville Court, Burch Road, Gravesend.
7985	Taylor, Robert McAskill	92, Talbot Terrace, Scotstounhill, Glasgow, W.3.
8205	Taylor, William Charles Ogilvie	19, Castellan Avenue, Gidea Park, Romford.
5407	Taylor, William H.	Supt. Marine Engineer, Cable & Wireless, Ltd., Electra House, Victoria Embankment, W.C.2.
2462	Teare, Henry	Dormer House, Walpole Drive, Ramsey, I.O.M.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
8295	Teare, William Alfred	The Colby Pump, Colby, Isle of Man.
7696	Tedford, William James	9, Castle View Gardens, Ilford, Essex.
6679	Telfer, Edmund V. D.Sc., Ph.D.	Broad Street House, 54-62, Old Broad Street, London, E.C.2.
5618	Telfer, Thomas, B.Sc.	6, Campbell Street, Greenock.
4801	Temple, James	93, Chudleigh Road, Brockley, S.E.4.
5447	Tennent, William Whaley	Bull's Metal & Melloid Co., Ltd., Yoker, Glasgow.
7573	Terry, George William	18a, Pierremont Crescent, Darlington.
4418	Thatcher, T. Wm.	High Road, Lane Head, near Wolverhampton.
4098	Thom, John H.	"Craigengower", 81, Tweedsmuir Road, Cardonald, Glasgow.
1809	Thomas, Edgar	183, Glanmor Road, Swansea, Glam.
6607	Thomas, George	"Lynx", 64, New Station Road, Whitchurch, Glam.
8366	Thomas, George Ivor	48, Pencisely Road, Cardiff.
4248	Thomas, Ivor J.	"Parkmore", Llantrisant Road, Llandaff, Cardiff.
2784	Thomas, J. K.	Supervising Engineer, Town Hall, Stoke Newington, N.16.
8530	Thomas, John	"Stonycroft", East Herrington, Sunderland.
5665	Thomas, Peter H. L.	Assistant Administrative Officer, Chief Inspector of Armaments Dept., Woolwich, London, S.E.18.
7623	Thomas, Philips Lauriston Dashwood	83, Kyle Avenue, Whitchurch, Nr. Cardiff.
4384	Thomas, T. G.	63, Pencisely Road, Cardiff.
5676	Thomas, Tom R., B.Sc.	55, Vaughan Gardens, Ilford, Essex.
4142	Thomas, Wm. G.	60, Oakfield Street, Cardiff.
7725	Thomas, William Robert George	53, Monmouth Road, East Ham, E.6.
5206	Thompson, Frank	c/o Aiton & Co., Ltd., St. Stephen's House, Westminster, S.W.1.
6399	Thompson, George, M.Eng.	Municipal Technical College, Mount Pleasant, Swansea.
8881	Thompson, George Frederick	1, Kennard Road, Friern Barnet, London, N.11.
7869	Thompson, John Oliver	19, Southpark Road, Gatley, Cheshire.
8272	Thompson, John Smith	8, Langside Drive, Newlands, Glasgow, S.3.
3338	Thompson, Norman E.	100, Bressey Grove, South Woodford, E.18.
6078	Thompson, Robert Francis, B.Sc.	c/o The Polytechnic, 309, Regent Street, W.1.
3865	Thompson, W. B.	"Corscombe", Vale Road, Bickley, Kent.
8427	Thompson, Walter	2, Leven Street, Middlesbrough.
6750	Thompson, William	2nd Engineer, M.v. <i>Silverwalnut</i> , c/o Messrs. Stanley & John Thompson, Ltd., 80, Bishopsgate, E.C.2.
4599	Thomson, Alex.	83, Harrow View, Harrow, Middlesex.
6863	Thomson, Charles	109, Laund Road, Salendine Nook, Huddersfield.
2762	Thomson, Edward A.	"Linwood", 38, Holly Park, Finchley, N.3.
4506	Thomson, James M.	c/o Australian Motorists' Petrol Co., Ltd., Buchanan Street, Balmain, Australia.
2052	Thomson, James R.	30, St. Georges Road, Golders Green, N.W.11.
6970	Thomson, John	101, King's Park Avenue, Glasgow, S.4.
7901	Thomson, John Blake	McIlwraith McEacharn, Ltd., Scottish House, William Street, Melbourne, Australia.
1798	Thomson, R. E.	"Craigend", Central Park Road, East Malvern, Melbourne, Australia.
7682	Thomson, Robert	"Marbert", 14, Ferguson Road, Canniesburn, near Glasgow.
8650	Thorburn, Kenneth C.	85, Harden Road, Leamore, Walsall.
3019	Thornton, David L., M.A.	36, Victoria Street, Westminster, S.W.1.
5621	Thrower, Robert D.	193, Bulstrode Avenue, Hounslow, Middlesex.
5791	Tidd-Pratt, G.	Kington, Herefordshire.
8232	Tilby, Arthur	"Ashfield", 41, Woodleigh Road, West Monkseaton, Northumberland.
5692	Tilby, Frank	68, The Grove, Gosforth, Newcastle-on-Tyne.
7443	Tilby, William	79, Scrogg Road, Walker-on-Tyne.
1650	Tillett, Raymond James	9, Manor Road, Beckenham, Kent.

MEMBERS.

NO.	NAME.	ADDRESS.
2806	Timpson, A. F. C., M.B.E. (Chairman of Council)	"Woodlea", 7, Woodland Way, Woodford Wells, Essex.
5489	Timpson, Frank Wareing	29, Gloucester Gardens, Ilford, Essex.
4869	Tingle, Frank	c/o Asbestos Cement, Ltd., 18, Second Line Beach, P.O. Box 87, Madras, India.
3229	†Tinker, Walter	
6662	Tipper, Archibald Nelson	68, Chinnor Crescent, Greenford, Middlesex.
5969	Tippin, Thomas C. W.	c/o Marine Office, Kenya & Uganda Railways & Harbours, Kisumu, Kenya Colony.
8410	Titchmarsh, George Henry	78, Gordon Avenue, Hamilton, Newcastle, N.S.W.
762	Tod, John	"Craigleith", Cae-Gwyn Road, Whitchurch, Glam.
6570	Todd, James H.	Todd Shipyards Corporation, 25, Broadway, New York, U.S.A.
3175	Todd, Joseph	116, South Brae Drive, Jordanhill, Glasgow.
7099	Todd, Peter Henderson	c/o Engineers Guild of China, Fifth Floor, Bank of East Asia Bldg., 10, Des Voeux Road, Central Hong Kong.
7525	Tonkin, Joseph W. E.	Caves House, Jenolan Caves, N.S.W., Australia.
6167	Tookey, A. W.	"Winsford", The Glen, Farnborough, Kent.
8895	Torrie, John Paterson	Elmbank, Bruce Street, Dumbarton.
7418	Tostevin, Harold Bertram Engr. Capt., D.S.O., R.N., ret.	c/o Cammell Laird & Co., Ltd., Birkenhead.
3695	Townend, Wilfred T.	c/o Messrs. Hancock & Dykes, Consulting Engineers, 11, Victoria Street, Westminster, S.W.1.
6530	Townshend, Ernest Frederick Ryder	"Woodlands", The Barons, St. Margaret's, Middlesex.
5477	Trail, Aubrey J. F.	21, Grosvenor Place, Jesmond, Newcastle-on-Tyne.
3487	Traill, Alexr. P. Wh.Sc. (Vice-President)	"Fernfield", Victoria Road, Ellesmere Park, Eccles, Lancs.
8162	Traill, John Hodgart Dunlop	19, Meon Road, Milton, Southsea, Hants.
7122	Trenchi, E. Capt., R.I.N.	Royal Italian Embassy, 14, Three Kings Yard, Davies Street, W.1.
6349	Trevorrow, Joseph Hicks Langford	c/o The Chesterfield Tube Co., Ltd., Chesterfield.
6883	Trew, Harry Walter Alfred	Whitney Pier P.O., Sydney, Nova Scotia, Canada.
7771	Treweeks, Herbert Charles Engr. Lieut.-Com'r., R.N., ret.	Loughrigg, Poplar Avenue, Great Crosby, Liverpool, 23.
7169	Trewhitt, Robert	33, Glendale Avenue, North Shields.
6258	Trickey, John H.	"The Cott", 22, Lee Road, Lincoln.
1685	Trigg, F. A.	"Glen Kardyl", 7, Esplanade, South Perth, W.A.
7828	Triolo, Ethelbald William	34, Wallington Road, Seven Kings.
8586	Trowell, James H. A.	Mines Department, Ipho, F.M.S.
1754	Tucker, W. T.	79, Glencairn Drive, Maxwell Park, Glasgow.
2517	Turnbull, D.	Tillyochie, Kinross, Kinross-shire.
5437	Turnbull, George MacLean	Baltic House, Leadenhall Street, E.C.3.
8395	Turnbull, James	The British Corporation Register of Shipping and Aircraft, 49, Leadenhall Street, London, E.C.3.
5541	Turnbull, John William	154, Trewhitt Road, Heaton, Newcastle-on-Tyne.
2415	Turnbull, Matthew	8, Howard Road, Southampton.
8736	Turnbull, Norman	Holt's Wharf, Pootung, Shanghai, China.
5065	Turnbull, Robert Richardson	"Hovedene", Dowhills Road, Blundellsands, Liverpool, 23.
8087	Turner, Andrew	31, Treeside Road, Southampton.
8752	Turner, Arthur Wm. John Eng. Rear-Adm'l., ret.	41, Knightsbridge Court, Sloane Street, S.W.1.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
5411	Turner, Cyril W. C.	12, Ash Grove, Maidstone, Kent.
6234	Turner, Frank Lewis	8, Levendale Road, Forest Hill, S.E.23.
1747	Turner, Jas.	Eastern Engineering Works, Ltd., 4/5 London Road, Tientsin, China
6115	Turner, W. G.	69, Wanstead Park Road, Ilford, Essex.
3672	Turner, Wm. T.	c/o Hanson Van-Winkle Munning Co., Matawan, N.J., U.S.A.
3790	Tweedy, Wm. Noel	89, Glanmor Road, Uplands, Swansea.
7237	Twizell, William	121, Riefield Road, Eltham, London, S.E.9.
4873	Tyler, Alfred George	442, North Circular Road, N.W.10.
6293	Tyrer, Arthur E.	"Berrynarbor", Park Avenue, Ewell, Surrey.
6086	Ueda, H. Engr. Lt.-Com'r., I.J.N.	Imperial Japanese Navy, Broadway Court, Broadway, Westminster S.W.1.
5617	Underdahl, E. K.	c/o The East Asiatic Co., Ltd., Bangkok, Siam.
6433	Unthank, George R.	c/o Messrs. R. & H. Green & Silley Weir, Ltd., 130/132, Leadenhall Street, E.C.3.
6567	Urquhart, Donald Walker	52, Crossmead, Mottingham, S.E.9.
8707	†Usher, Henry Allan	
7248	†Valks, Thomas	
8009	Van Hecke, Ferdinand Joseph	Mortselsche Steenweg, 19, Hove, Nr. Antwerp, Belgium.
8216	van Steene, Prudent Constant	Rue Emile Banning, 32, Antwerp, Belgium.
8686	Varian, Alwyn Horni- brook	36, Great Western Road, Glasgow, C.4.
5267	Vaux, Geo. C., junr.	c/o Lloyd's Register of Shipping, 71, Fenchurch Street, E.C.3.
7269	Veal, John Minshull	c/o Courtney Bernard, Esq., 8, Marie Anne, Pointe Claire, P.Q., Canada.
8126	Venables, John Cyril	33, Poole Street, Avonmouth, Bristol.
7035	Verano, Frederick Eugene	"Aix House", Gibraltar.
8500	Vick, Ernest Edward	36, Ilford Avenue, Great Crosby, Liverpool, 23.
8273	Vickers, Mark	126, Herent Drive, Ilford, Essex.
3276	Vidal, Francisco	Leon y Castillo, 213, Las Palmas, Grand Canary.
8883	Vile, Walter Bernard	c/o Iraq Petroleum Co., Haifa, Palestine.
6332	Vincent, Richard Engr. Com'r., R.I.M., ret.	The Warren, Chantler's Down, Battle, Sussex.
2489	Vine, G. A., R.D. Engr. Com'r., R.N.R., ret.	9, Litherland Park, Liverpool.
2464	Vine, Wm. H.	64, The Crescent, Henleaze, Bristol.
8397	Vivian, Albert	The Residence, Power Station, Collie, W. Australia.
7114	Vogan, Robert Jas.	"Spring Hill", Buffery Road, Dudley.
8094	Vogt, Edward	7, Park Road, Glasgow, C.4.
5354	Volk, Earnest P.	21, Swakeleys Road, Ickenham, Middlesex.
5079	Vose, Henry James (Vice-President)	35, Parkway, Seven Kings, Essex.
6287	Vose, William Alan	132, Redbridge Lane, Ilford, Essex.
5100	Waddell, Roy Lisle	M.V. <i>Malaita</i> , c/o Messrs. Burns, Philp & Co., Ltd., Bridge Street, Sydney, Australia.
7295	Waddle, Thos. Fleming	91, Edendale Road, Barnehurst, Kent.
7956	Waddle, Wm.	1, Bridge Hall View, Heap Bridge, Bury, Lancs.
7726	Wade, Charles Callander	6, Learmonth Gardens, Edinburgh.
6143	Wadley, Horace U.	Bridgford House, Wivenhoe, Essex.
8326	Wake, Robert Littlejohn	136, Wingrove Road, Newcastle-on-Tyne, 4.
8462	Walford, Bertie	30, Ferncourt Avenue, Roseville, Sydney, N.S.W.
2539	Walker, Alan J.	Metrovick House, Northumberland Road, Newcastle-on-Tyne, 1.
6735	Walker, Archibald	15, Crystal Avenue, Heath, Cardiff.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
7420	Walker, Archibald, M.A.	180, Willesden Lane, N.W.6.
2552	Walker, Chas. A.	55, Deyncourt Gardens, Upminster, Essex.
7466	Walker, Chas. Paterson	Public Baths, London Road, Mitcham, Surrey.
5803	Walker, David J.	4, Tudor Avenue, Bushey Mill Lane, Watford, Herts.
8531	Walker, Eric Joseph	34, Peppard Road, Caversham, Reading, Berks.
7697	Walker, George	Bagdad Light & Power Co., Ltd., Bagdad, Iraq.
8871	Walker, Garret Wellesley	Ard-na-Greine, Ardeevin Road, Dalkley, Co. Durham.
5301	Walker, Harold Clark (Member of Council)	"Stranton", Glebe Road, Cheam, Surrey.
6141	Walker, Harold V.	15, Alroy Road, Anfield, Liverpool, 4.
5302	Walker, Hector D.	c/o Anglo-Persian Oil Co., Masjid-i-Suleiman, South Persia.
6341	Walker, Hector Henry Reginald	c/o A.I.O.C. Ltd., Abadan, South Iran.
5877	Walker, James H.	119 Fairmead Avenue, Westcliff-on-Sea, Essex.
6085	Walker, James R.	The Bristol Hotel, Colombo, Ceylon.
5739	Walker, John D.	28, Cumberland Avenue, Sefton Park, Liverpool.
7442	Walker, Ronald Drewell	43, Wrights Road, Drumoyne, Sydney, N.S.W.
7529	Walker, Thomas	17, Stockton Terrace, Grangetown, Sunderland.
5627	Walker, William A.	c/o The Royal Empire Society, Whiteladies Road, Clifton, Bristol.
8826	Walkington, Thomas	"Greenways", Hunsdon, Ware, Herts.
8842	Walkinshaw, Gordon	260, Crow Road, Glasgow, W.1.
8108	Wall, Arthur Thomas O.B.E., R.C.N.C. (ret.)	"The Hayes", Cowes, Isle of Wight.
4313	Wallace, A. M., B.Sc.	"Bankhead", Duffryn Avenue, Cyn-coed, Cardiff.
4322	Wallace, James S.	36, Lascelles Road, Allerton, Liverpool, 19.
3081	Wallace, John	6, Lloyd's Avenue, London, E.C.3.
7730	Wallace, Sidney Rae	Hydro Lodge, Peebles, Scotland.
4083	Wallace, Wm.	32, Colinton Road, Edinburgh.
6974	Wallace, Wm. Ewart Gladstone	Marine Superintendent, Thos. Heiton & Co., Ltd., 29, George's Quay, Dublin, C.5.
4554	Wallace, W. Reid	43, Dovedale Road, Hoyle, Cheshire.
7852	Waller, C. Richard	922, Bellevue Avenue, Trenton, N.J., U.S.A.
7548	Wallis, Cyril	c/o Mr. J. Reid, "Ardlui", Isthing Street, Carlisle.
8367	Wallis, R. Pendennis, M.Sc.	"Dunelm", Woodcote Valley Road, Purley, Surrey.
1779	Wallis, T. Seabrook	28, The Crescent, Henleaze, Bristol.
5753	Walsh, Arthur E.	3, Robert Street, Gordon, Sydney, N.S.W.
8873	Walter, John Somers	35, St. Andrews Road, Cranbrook Park, Ilford, Essex.
4077	Walton, Robt.	16, Blythswood Road, Aigburth, Liverpool.
5585	Wans, Oswald	"The Manor House", Waddington, Lincoln.
7361	Waplington, John Francis	"Arundel House", Park Avenue, Purbrook, Hants.
2666	Ward, John	Green's Hotel, Woodlands Terrace, Glasgow, C.3.
4699	Ward, J. Ph.D. (Eng.), B.Sc.	51, Wheathouse Road, Birkby, Huddersfield.
7818	Ward, Walter	12, Tyne Street, Hessle Road, Hull.
7531	Ward, William Frank	178, Headley Drive, Ilford, Essex.
6640	Warden, Archibald Adam	8, Molineux Avenue, Broad Green, Liverpool, 14.
8827	Warder, Edgar James	72, Parkside Avenue, Romford, Essex.
7067	Wardle, Robert Newton	Braithwaite, Nr. Keswick, Cumberland.
6980	Wardropper, Clifford	339a, Mortlake Road, Ilford, Essex.
7932	Wareham, Robert Arthur	"Tremona", Lingfield Grove, Broad Green, Liverpool, 14.
2505	Warham, A. E.	"St. Runa", Norwood Drive, Douglas, I. o. M.
5444	Warne, Edmund G.	Assistant Editor, "The Motor Ship", 5-15, Rosebery Avenue, London, E.C.1.
3380	Warner, A. K. Engr. Lieut.-Com'r., R.N., ret.	Insurance Engineers, Ltd., 51-55, Mortimer Street, W.1.
8872	Warren, John	"Martindale", New Forest Lane, Chigwell, Essex.
8148	Warren, Frank Elmes	3, Church Hill, Honiton, Devon.

MEMBERS.

NO.	NAME.	ADDRESS.
7173	Warren, Robert E.	16, The Tynning, Widcombe Hill, Bath, Somerset.
8801	Warwick, Fred.	199, Liverpool Road, Crosby, Liverpool.
3752	Watkins, Wm. P.	54, Roseneath Road, S.W.11.
4821	Watson, Alexander	600, Berwick Avenue, Town of Mount Royal, P.Q., Canada.
2542	Watson, A. R.	Chief Engineer Surveyor, The Maritime Services Board of N.S.W., Box 32a, G.P.O., Sydney, N.S.W.
7928	Watson, David	"Woodford", Bridge Road, Sarisbury Green, Hants.
7966	Watson, Edgar	Marine Board of Jamaica, Royal Mail Building, Kingston, Jamaica, B.W.I.
7517	Watson, George Oliphant	17, Becmead Avenue, S.W. 16.
8296	Watson, G. Ridley, B.Sc.	22, Fortismere Avenue, Muswell Hill, London, N.10.
8394	Watson, Geo. Wm. Engr. Lieut., R.I.N.	c/o Navy Office, Bombay, India.
7005	Watson, James	P.O. Box 539, Haifa, Palestine.
6905	Watson, John Alston	c/o Messrs. Sproston, Ltd., Georgetown, Demerara, British Guiana.
6710	Watson, Joseph	"Cromer", Central Gardens, Harton, South Shields.
6550	Watson, Joseph, Jun'r.	32, Newlyn Road, Woodseats, Sheffield, 8.
7252	Watson, Joseph	54, Harriet Street, Pollokshaws, Glasgow.
4069	Watson, Kenneth	3, Rosella Place, North Shields.
8163	Watson, Mark Lee	17, Chambres Road, Southport, Lancs.
8896	Watson, Ward Dewar	12, Stewart Avenue, Upminster, Essex.
3745	Watson, Wm. L.	18, Hereford Gardens, Ilford, Essex.
3882	Watt, Alexr.	Lloyd's Register of Shipping, Collingwood Buildings, Collingwood Street, Newcastle-on-Tyne, 1.
7795	Watt, Alexander	Madura Mills, Madura, Southern India.
4327	Watt, Gordon P.	277, Finsbury Pavement House, London, E.C.2.
5977	Watt, John Charles	c/o B.I. Engineers' Club, Box No. 296, Calcutta.
8463	Watts, William H. R.	73, Gantshill Crescent, Ilford, Essex.
3567	Watty, H. J.	c/o Mr. M. Downer, 4, Radway Road, Shirley, Southampton.
7982	Waugh, Cedric Swanton	9, Woorigoleen Road, Toorak, Victoria, Australia.
6533	Waugh, Samuel	16, Broadstone Avenue, Port Glasgow.
7967	Way, Chas. Thos.	c/o Anglo-Saxon Petroleum Co., Ltd., St. Helen's Court, E.C.3.
5025	Wearn, Roy	11, Elmside, Onslow Village, Guildford, Surrey.
4914	Webb, Albert Charles	5, Furness Road, West Harrow, Middlesex.
7999	Webb, Frederick Wm. John	6, Whorlton Road, Peckham Rye, London, S.E.15.
4279	Webling, J. K. L. Engr. Lt.-Com'r., R.N., ret.	c/o Shell Co. of N.Z., Ltd., Post Box 1663, Wellington, C.1., New Zealand.
4429	†Webster, Alex.	
8297	Webster, Douglas Garland	48, Hookfield, Epsom, Surrey.
5607	Webster, Ernest L.	"Mor Betta", 25, Tranby Gardens, Wollaton, Nottingham.
6436	Webster, James	1, Elstow Close, Eltham, S.E.9.
8753	Webster, John Mitchell	"Balgay", 10, Boronia Avenue, Five Dock, N.S.W.
6781	Weddle, Erlin Milburn	82, Roseleigh Avenue, Mapperley, Notts.
7679	Weir, Hector Norman	"Morell House", Mayfield, Sussex.
7765	Weir, James	30, Thornley Avenue, Glasgow, W.3.
2920	Weir, Peter	c/o Parry & Co., Somalkot, Godaveri District, India.
1888	Viscount Weir of East- wood, The Rt. Hon. P.C., G.C.B. (Past President)	Holm Foundry, Cathcart, Glasgow.
7885	Welch, Bernard Francis	"Roselea", Stoneham Lane, Swaythling, Southampton.
4173	Welch, John R. C.	121a, Alexandra Road, St. Johns Wood, N.W.8.
2578	Wells, G. James (Hon. Vice-President)	47, Grove Road, Emmer Green, Reading, Berks.
7947	Welsh, James Alexander	1, Lily Terrace, West Road, Peterhead, Aberdeenshire.
5914	Wenlock, Arthur B.	Springmead, Brightlingsea, Essex.
8298	Wensley, George Richard	56, Court Road, Barry, S. Wales.
5700	West, Alexander C., B.Sc.	Central Polytechnic, Scarbrook Road, Croydon, Surrey.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
8368	West, Leonard John	11, Dundee Street, Hull.
6274	Westall, Walter F.	c/o Frigorifico Anglo, Buenos Aires, Argentine.
7698	Wetherall, Robert H.	38, Allington Road, Hendon, N.W.4.
7515	Wetherell, Frederick William	1, Henley Avenue, Basford Estate, Old Trafford, Manchester.
7957	Whale, Geo. Hulford	18, Mycenae Road, S.E.3.
5497	Whalley, Gilbert	9, Delamere Road, Gatley, Cheshire.
7596	Whalley, Sydney Benson	73, Picton Avenue, Runcorn, Cheshire.
8369	Wharton, Albert	"Preswylfa", 44, Hougoumont Avenue, Waterloo, Liverpool.
4574	Whayman, W. M. (Vice-President) Engr. Rear-Admiral, C.B., C.B.E.	65, Tooting Bec Gardens, Streatham, S.W.16.
6773	Wheadon, Henry John	Engineer's Dept., Royal Mail Lines, Ltd., Leadenhall Street, E.C.3.
8030	Wheeler, Benjamin Haydn	4, The Avenue, Pontypridd, South Wales.
2002	White, G. D. S.	16, Derham Gardens, Upminster, Essex.
6264	White, John	D. S. Bungalow, Willingdon Island, Willingdon Island P.O., Cochin, S. India.
8347	White, Norman Ernest	28, Grange Street, Port Talbot, South Wales.
4407	White, S. W.	60, Julian Avenue, South Shields.
8299	White, Thomas Young	Anglo-Saxon Petroleum Co., Ltd., Leadenhall Street, London, E.C.3.
5515	White, Tom George	"Tyneholm", Friars Road, Barry Island, Glam.
3250	White, Wm. Albert	White Engineering Works, Prince Consort Road, Hebburn-on-Tyne.
5180	Whiteford, A. L.	78, Rankin Street, Greenock, Renfrewshire.
8585	Whitehead, Francis A. A.	7, Chord Road, Drogheda, Eire.
8708	Whitehead, John	Havelock Chambers, Queens Terrace, Southampton.
6245	Whitehead, Thomas	19, Gordon Road, Moorside, Swinton, Manchester.
5040	Whiteley, Cecil Wilfred	41, Latimer Road, Wimbledon, S.W.19.
7968	Whitelock, John Kilpatrick	c/o Corporation Electricity Department, Rothesay, Scotland.
3864	Whiteside, Alf. E.	1, Linden Avenue, N.W.10.
8274	Whiting, Walter Leonard	205, Mowbray Road, South Shields, Co. Durham.
4361	Whitley, H. P.	87, Parry's Lane, Stoke Bishop, Bristol.
5847	Whitlow, A. H.	227, Chester Road, Grappenhall, nr. Warrington.
7594	Whittaker, Harry	"Seventy-eight", Acre Lane, Bramhall, Cheshire.
7699	Whittaker, Howard Paul	10, Mansion House Road, Langside, Glasgow, S.1.
6578	Whitton, Jas. Malcolm	30, Shandon Place, Edinburgh.
7027	Whitty, William Bernard	31, Tasburgh Street, Grimsby.
4249	Whyte, Thos. Scott	11, Newtownsmith, Dun Laoghaire, Co. Dublin.
4930	Whyte, William	32, Grasmere Road, Purley, Surrey.
8185	Whyte, William	50, Lamington Road, Cardonald, Glasgow, S.W.2.
8617	Whytock, Robert	35, Ruskin Road, Chadwell St. Mary, Essex.
6791	Widdas, Herbert Fredk.	"Tacoma", Wordsworth Avenue, Penarth, Glam.
4838	Widdas, Stanley Shaw	100, Clive Road, Canton, Cardiff.
8644	Widgery, Arthur C.	19, Marlborough Lane, Charlton, S.E.7.
8687	Wiggins, William Ellis	84, Paice Avenue, Dominion Road, Auckland, New Zealand.
7499	Wight, Henry Dewar	"Newlands", The Mount, Fetcham, Leatherhead, Surrey.
5894	Wight, John T.	Calderwood Villa, Lasswade, Midlothian.
8164	Wigzell, Francis	A.S.N. Co. Ltd., c/o Turner Morrison & Co., Ltd., 6, Lyons Range, Calcutta.
3791	Wilkie, Jas. B.	"Fordlands", Crowhurst, Sussex.
7624	Wilkie, Samuel Davies	"Seagor", Panmuirfield Road, Monifieth, Angus, Scotland.
8768	Wilkie, Thos. Goodall	Grouville, Dinas Powis, Glamorganshire.
6412	Wilkins, Edward Kemish	Redcliffe, 25, Strathallen Avenue, Northbridge, Sydney, N.S.W.
3231	Wilkinson, Robert	"Meadow Cot", Flexford Road, Wanborough nr. Guildford, Surrey.
6916	Willard, James George	Asiatic S.N.Co., c/o Turner, Morrison & Co., 6, Lyons Range, Calcutta, India.

MEMBERS.

NO.	NAME.	ADDRESS.
5976	Willens, Alexr. Thomas	B.O.T. Surveyors Office, 4/12, James Watt Street, Glasgow, C.2.
5633	Willens, John H.	Croft House, 74, Ewell Road, Surbiton, Surrey.
6852	Williams, Albert	"Ellerslie", Butterfield Avenue, Templeogue, Co. Dublin.
5545	Williams, Basil M.	2, Booth Rise, Moulton, Northampton.
1663	Williams, Chas.	5, Dock Chambers, Bute Street, Cardiff.
6401	Williams, C. A. N., D.S.O.	The Royal Mail Lines, Southampton.
8501	Williams, D. Kyffin	"Cartref", 1, Ingreborne Gardens, Upminster, Essex.
7093	Williams, David Thomas	c/o Anglo-Iranian Oil Co., Tembi Power Station, Masjid-i-Suleiman, S. Iran.
5891	Williams, Edwin H.	P.O. Box 1, Graaff Reinet, South Africa.
2771	Williams, George H.	"Randwick", Lancelot Avenue, Strood, Kent.
2090	Williams, H. A., R.D.	"Mount Royal", Tygwyn Road, Cardiff.
7166	Williams, Harold Napier	c/o Victoria Falls & Transvaal Power Co., Vereeniging, Transvaal.
8478	Williams, Hugh Rhys	10, Swaledale Road, Sheffield, 7.
2715	Williams, Jas. H.	c/o Eagle Oil and Transport Co., Ltd., 16, Finsbury Circus, E.C.2.
3758	Williams, John H.	69, St. John's Road, Slough, Bucks.
7979	Williams, Joseph Jas. B.	19, Vanguard Terrace, Devonport, Plymouth.
6849	Williams, Morgan David Ernest	Gwaunadda House, Dinas, Rhondda, S. Wales.
6491	Williams, Ralph Frederick	The Gables, Blackpill, Swansea.
6692	Williams, Walter Henry	c/o 25, Tiegnmouth Road, Welling, Kent.
5881	Williams, William	c/o I.G.N. & Ry. Co., Ltd., 4, Fairlie Place, Calcutta.
8000	Williams, William Thomas, O.B.E., B.Sc., Wh.Ex. (Vice-President)	Engineer Surveyor-in-Chief, Board of Trade, Gt. George Street, S.W.1.
7081	Williams, Wm. Trevor	"Milhaven", Chignal Road, Chelmsford, Essex.
2058	Williamson, A. S.	"Kairaku", Scott Street, Largs, Ayrshire, Scotland.
6457	Williamson, David D.	12, Bedford Square, London, W.C.1.
4387	Williamson, G. E.	North London Iron Works, Wenlock Road, City Road, N.1.
2233	Williamson, J. C. G. (Vice-President)	Lloyd's Register of Shipping, Calle 25 de Mayo 158, Buenos Aires.
6700	Williamson, John Wm. Rea	Messrs. Williamson & Parker, 18, Canute Road, Southampton.
3813	Williamson, Stuart T.	P.O. Box 615, Hong Kong.
4877	Williamson, William H.	United Africa Co., Ltd., Transport Dept., Abonema, Nigeria, West Africa.
8128	Willis, Alec Geo.	18, Henry Street, Gordon, Sydney, N.S.W.
7307	Wills, Alfred John	23, Priestfields, Rochester, Kent.
6893	Wilson, Albert James	"Lorigan", Highfield, Sutton-upon-Hull, Yorks.
7347	Wilson, Alexander	c/o Turner, Morrison & Co., Ltd., P.O. Box 68, Calcutta.
4047	Wilson, Alexr. A.	Manager, Mazagon Dock, Post Box 701, Bombay, India.
3246	† Wilson, Allan Murray	
5293	Wilson, Andrew	"Starney", Darlington Gardens, Southampton.
6377	Wilson, Arthur H.	Board of Trade, Custom House, Belfast, N. Ireland.
8428	Wilson, Frederick Hector McDonald	Mechanical Superintendent, Vizagapatam Harbour, Vizagapatam, India.
7556	Wilson, Frederick John	24, Glencoe Road, Wallasey, Cheshire.
5193	Wilson, Geo. McK.	B.I. Engineers' Club, 15a, Kyd Street, Calcutta, India.
4916	Wilson, Howard Angus	c/o Anglo-American Oil Co., Ltd., 36, Queen Anne's Gate, S.W.1.
3024	Wilson, John Alexr.	c/o Esplen, Swainston & Wilson, Ltd., Consulting Engineers, Calle 25 de Mayo 489, Buenos Aires.
6988	Wilson, John Edward	40, Broad Oak Lane, Penwortham, Preston.
4392	Wilson, John F.	King Street, Thompson's Estate, Brisbane, Queensland.
7908	Wilson, John George	34, Exeter Road, Bootle.
6573	Wilson, Joseph	25, Maitland Street, Dunfermline.
6620	Wilson, Norman	c/o Mrs. Fortune, 15, Weldeck Road, West Hartlepool.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
7130	Wilson, Percival Ward	860, Rockefeller Building, Cleveland, Ohio, U.S.A.
8754	Wilson, Percy	5, Adam Park, Singapore.
3657	Wilson, Robt. T. (Vice-President)	"Braehead", Alderton Hill, Loughton, Essex.
6490	Wilson, Ronald	14, Belhaven Road, Liverpool, 15.
2932	Wilson, Tom Shacklock	99, Marine Avenue, Monkseaton, Northumberland.
6338	Wilson, Valentine Joseph	Shanghai Waterworks Co., Ltd., 484, Kiangse Road, Shanghai, China
6395	Wilson, Walter J.	1772, Avenue Joffre, Shanghai, China.
5426	Wilson, Wm. Joseph	49, Ravenscourt Drive, Hornchurch, Essex.
8803	Wilson, William Robert	76, Holders Hill Road, Hendon, N.W.4.
5218	Wilton, Jan Daniel	Bremhorstlaan 22, Wassenaar, Holland.
7222	Wilton, Willem	Nassau Dillenburgstraat 3, Schiedam, Holland.
5219	Wilton, William (Vice-President)	Messrs. Wilton's Engineering & Slipway Co., Schiedam, Holland.
5491	Wiltshire, Ernest Frank	c/o The Shell Co. of Egypt, Suez.
2406	Wimshurst, Jas. E. Engr. Com'r., R.N.R.	Cons. Eng'r., Leadenhall House, 101, Leadenhall Street, E.C.3.
7969	Winch, Harold Hughes	B.I.S.N. Co., c/o Mackinnon Mackenzie & Co., Strand Rd., Calcutta.
5408	Windeler, Geo. Edward	4, Devonshire Road, Davenport Park, Stockport, Cheshire.
5417	Windrim, Robert (Vice-President)	"The Croft", Grange Avenue, W. Hartlepool.
7379	Winscombe, Jas. Everard	24, Monkseaton Drive, Whitley Bay, Northumberland.
8127	Winterburn, George Frederick	P.O. Box 1354, Port Colborne, Ontario.
157	*Winterburn, W. G. (Hon. Vice-President)	719, Orange Grove Avenue E., Pasadena, California, U.S.A.
2651	Winton, John	16, Gate Street, Holborn, W.C.
7890	Winzar, John Francis	38, Bedford Street, East Fremantle, W. Australia.
5612	Wolfe, Richard J.	8, Richmond Road, Cardiff.
5435	Wolfe, Walter C.	Supt. Engineer, Canadian Pacific Steamships, Ltd., 2, Peter St., Montreal, Canada.
8555	Wong, James Chang Ling	14, Stafford Road, Kowloon Tong, Hong Kong, China.
8039	Wood, Charles	18, Kaigh Avenue, Gt. Crosby, Liverpool, 23.
6296	Wood, Edward S.	64, Belmont Road, Southampton.
7952	Wood, Evelyn, B.Sc.	79, Exeter House, Putney Heath, London, S.W.15.
3016	Wood, Fred.	Caixa Postal No. 4, Ilheos, Bahia, Brazil.
5006	Wood, Gavin John	Anglo-Saxon Petroleum Co., Ltd., Marine Dept., St. Helen's Court, Leadenhall Street, E.C.3.
8601	Wood, Herbert John	37, Ethelbert Gardens, Ilford, Essex.
5675	Wood, John M.	"Watendlath", Benton Park Road, Long Benton, Northumberland.
1659	Wood, John	"Hazlewood", Regents Park Road, Shirley, Southampton.
3635	Wood, Lee (Vice-President)	31, James Street, Liverpool, 2.
7201	Wood, Leo Kellett Donaldson Lieut. (E.), R.N.	H.M.S. <i>Medway</i> , c/o G.P.O., London.
7131	Woodall, Percy Leslie	3, Devonshire House, Brentwood, Essex.
2278	Woodeson, W. A.	"Linhope" Mitchell Avenue, Jesmond, Newcastle-on-Tyne.
7290	Woodhams, Francis Eric	c/o The English Electric Co., Willans Works, Rugby.
5946	Woodruff, Frank A.	60, Greyswood, Streatham, S.W.16.
2209	Woods, Arthur R. T. (Vice-President)	7, Melina Place, Grove End Road, St. John's Wood, N.W.8.
6556	†Woodward, Reg. Browne	
6306	Wooley, Albert Edward Engr. Lieut.-Com'r., R.I.N.	Mercantile Marine Department, 10, Nicol Road, Ballard Estate, Bombay, India.
8651	Woolnough, William Heslop	4, Clements Inn, London, W.C.2.
6753	Worrall, Thomas Robson	Station H.I., Iraq Petroleum Co., Haifa, Palestine.
7589	Wright, Eric	Lawrence Road, Hazel Grove, Cheshire.
8105	Wright, Lester Arnold	128, Colman Road, Norwich, Norfolk.

* Life Member.

† Address wanted.

MEMBERS.

NO.	NAME.	ADDRESS.
2996	Wright, Norman L.	31, Altery Road, Newport, Mon.
5441	Wright, Richd. Maxwell	10, Balmoral Gardens, Belfast.
7011	Wright, Robt.	"Carinya", Bushy Park Gardens, Terenure, Dublin.
2562	Wright, T. T.	4414, Fifth Avenue West, Vancouver, B.C.
5207	Wright, Thomas	Chief Engineer, c/o Lever Bros., Ltd., Port Sunlight, Cheshire.
7146	Wright, Walter Charles	John Holt & Co. (Liverpool) Ltd., Warri Transport, Warri, S. Nigeria, West Coast Africa.
8233	Wright, William Morley	c/o Carmichael & Clarke, Bank of East Asia Building, Hong Kong.
3906	Wylie, James	c/o Standard Fruit & Shipping Co., Pier 20, East River, New York, U.S.A.
3980	Wylie, W. H.	1, Ely Gardens, Ilford, Essex.
7164	Wynn, Francis Kildare	49, Cambridge Road, Chiswick, London, W.4.
5900	Wynn, Osbert E. B.	c/o L. J. M. Henriquez, 235, Stenweg, Oranjestad, Aruba, N.W.I.
8234	Wynne, John Frank	"Morianfa", Southfield, Hessle, Yorks.
2479	Wyse, M. N.	Beaumont Road, Karachi, India.
7427	Yarwood, Albert	"Fernacre", Greenbank, Northwich, Cheshire.
5807	Yarwood, Wm. D.	"Kirkacre", Chester Road, Northwich.
8689	Yates, Alfred Francis	9, Grange Drive, Heswell, Cheshire.
8502	Yates, Robert	14, Studley Road, Wallasey, Cheshire.
6999	Yeadon, Albert Edward	"Dunromin", Glazebrook, Manchester.
4259	Yeates, Arthur C. Engr. Lieut.-Com'r., R.N., ret.	The Premier Gas Engine Co., Ltd., Sandiacre, Nr. Nottingham.
5204	Yeates, Reginald T.	59, Great Ormond Street, London, W.C.1.
3425	Youd, Harold S.	4, Elmside Road, Wembley Park, Middlesex.
3361	Youldon, F. W. (Member of Council)	Hillend, Park Way, Shenfield, Essex.
8709	Youldon, Joseph Stephen Harry	c/o Anglo-Saxon Petroleum Co., Ltd., St. Helen's Court, Leadenhall Street, E.C.3.
8503	Young, George	1, Leigh Mansions, Oakmount Avenue, Southampton.
4938	Young, Horace John	The Sheepbridge Stokes Centrifugal Castings Co., Ltd., Sheepbridge Works, Chesterfield.
5289	Young, James	256, Court Road, Eltham, S.E.9.
1606	Young, John	c/o Barclays Bank, Ltd., Lincoln.
5347	Young, Leslie A.	"Bordenville", 5, Devonshire Avenue, Grimsby, Lincs.
4369	Young, Lionel H. F. M.Eng.	"Danebury", Ditton Grange Close, St. Mary's Road, Ditton Hill, Surbiton.
7574	Young, Robert Munro	3, West Drive, Seedfield, Bury, Lancs.
7034	Younge, Edward Chrystie	Asst. Supt. Engr., c/o Messrs. Mansfield & Co., Ltd., Singapore.
1326	Younger, A. Scott, B.Sc.	"Rosario", 26, Dalkieth Avenue, Dumbreck, Glasgow.
2492	Younger, John	"Beverley", Beech Walk, Ewell, Surrey.
6571	Youngs, Robert C.	41, Muswell Avenue, Muswell Hill, N.10.
2265	Yuill, M.	"The Shieling", Tongdean Avenue, Hove, Sussex.
2679	Zulver, C.	"Villa Deo Date", Broad Walk, Winchmore Hill, N.21.

COMPANIONS.

NO.	NAME.	ADDRESS.
3319	Bates, R. F.	"Ardross", Peaks Hill, Purley, Surrey.
8769	Belch, Alexander	"Uplands", Cullesden Road, Kenley, Surrey.
1919	Beldam, Cyril A.	c/o Beldam Packing and Rubber Co., Ltd., 16, Gracechurch Street, London, E.C.3.
2155	Billington, Charles	"Watlands", Longport, Staffs.
8414	Callander, Thomas Ormiston	"Ormiston", Brittain Lane, Sevenoaks, Kent.
5939	Commander, Jos. Storey	Stanley House, Kenneth Road, Thundersley, Essex.
7746	Denny, John McAusland	"Claddoch", Gartocharn, Lock Lomond, Dumbartonshire.
4430	Dick, William H., Major	Collingwood Buildings, Newcastle-on-Tyne
7474	Farthing, Frank Henry	3, High Oaks Road, Welwyn Garden City.
7392	Filmer, Charles Bruce Long, D.S.C.	12, Perceval Avenue, Hampstead, N.W.3.
5034	Fraser, Kenneth	The Yorkshire Copper Works, Ltd., Leeds.
3159	Galloway, John G.	4/10, Timber Bush, Leith.
6548	Galloway, John G.	146, Bishopsgate, E.C.2.
2228	†Glenwalker, C. S.	
7954	Goodyear, James Wallis	4, Devonshire Place, Birkenhead, Cheshire.
7809	Green, George Richard	Wickham, Falmouth, Cornwall.
6627	Jackson, Richard Reginald	"The Homestead", 15, Vesey Road, Wyldegreen, Birmingham.
5016	Jacobs, Claude Chapman	15, St. Helen's Place, London, E.C.3.
3392	Jacobs, J. H.	15, St. Helen's Place, London, E.C.3.
8240	Lake, George Harold	'Lime Leigh', 560, Derby Road, Nottingham.
2602	†Leahy, Fredk. G.	
6588	Lee, Charles E.	9, Duke's Road, Tavistock Square, W.C.1.
4328	Macdonald, Thomas	3, The Avenue, Monkseaton, Northumberland.
8583	Macintosh, Alexander	"Three Oaks", Broad Walk, Winchmore Hill, London, N.21.
3760	MacIntyre, Robt.	51-56, Palmerston House, Bishopsgate, London, E.C.2.
5155	Mackinnon-Pearson, I.	Les Tilleuls, Garnes, par Dampierre, Seine-et-Oise, France.
6134	Macmillan, John	"Deepdene", The Crescent, Hadley Wood, Herts.
8051	McDowell, Richard Henry	1, Kinfauns Road, Tulse Hill, S.W.2.
7188	Mees, Ernest Edwin	9, Pollards Hill East, Norbury, S.W.16.
4170	Menzies, John	Beaufort House, 37, Lansdowne Road, South Woodford, E.18.
4463	Moreland, Chas. George	The Moreland Electric Welding Co., 308, Newport Road, Cardiff.
7700	Morse, Stewart Harold	4, Snaresbrook Hall, Woodford Road, Wanstead, London, E.18.
6149	Muirhead, John W.	c/o Norman Stewart & Co., 9, Clive Street, Calcutta.
4633	Mulligan, A. de W.	18, Old Buildings, Lincoln's Inn, W.C.2.
3283	Paterson, Andrew H.	15, York Street, Glasgow.
4558	Peterson, John M.	41, Side, Newcastle-on-Tyne.

† Address wanted.

COMPANIONS.

NO.	NAME.	ADDRESS.
8348	Pilmour, William Henry	"Denfield", Northumberland Avenue, Forest Hall, Northumberland.
8166	Porter, Frederick William	"Ravenswood", Cressington Park, Liverpool.
4400	†Power, Charles L.	
8643	Procacci, Gianni	1, Rue de la Banque, Paris (2ème).
4630	Rimer, Arthur L.	Milburn House, Newcastle-on-Tyne.
4631	Rimer, William T.	Milburn House, Newcastle-on-Tyne.
2802	Ross, Harold A.	c/o Messrs. Arthur Ross, Hotchkiss & Co., Ltd., 1, Glengall Road, Old Kent Road, S.E.15.
4342	Ross, Victor	c/o Messrs. Arthur Ross, Hotchkiss & Co., Ltd., 1, Glengall Road. Old Kent Road, S.E.15.
4466	Scott, Henry G.	43, Shirley Gardens, Barking, Essex.
6774	Smith, William	"The Shrubbery", Chigwell Row, Essex.
5799	Soukup, Charles	Klingerit Works, Sidcup Bye Pass, Sidcup, Kent.
5449	Stevenson, William	46, Greenland Street, Liverpool, 1.
2193	Sumner, Leonard	Butt Hill, Prestwich, Nr. Manchester.
4269	Tanfield, Ernest W.	Africa House, 44/46, Leadenhall Street, London, E.C.3.
7948	Tennant, William	6, Kingsley Close, Finchley, N.2.
2553	Thatcher, T. H.	Fraser Road, Erith, Kent.
6098	Warwick, Bertie, Capt.	c/o Houlder Bros. & Co., Ltd., 53, Leadenhall Street, E.C.3
1733	Weir, John	"Dunbritton", Alderton Hill, Loughton, Essex.
8805	Wellum, Thomas Augustus	76, Woodland Road, Chingford, Essex.
3726	Whitworth, Frank	16, Seagry Road, Wanstead, E.11.
8441	Willan, Cuthbert Isaac	South Park House, Hexham, Northumberland.

† Address wanted.

ASSOCIATE MEMBERS.

NO.	NAME.	ADDRESS.
8031	Abbott, Benjamin Wilfred	70, Heidelberg Road, Heaton, Bradford, Yorks.
6421	†Allanson, Arthur	
5693	Allen, Joseph V.	14, Malvern Road, Gillingham, Kent.
6278	Anderson, James P.	c/o G. & J. Weir, Ltd., Royal Mail House, Leadenhall Street, E.C.3.
6739	Anderson, Wm.	Santa Elena, Entre Rios, Republica Argentina.
5883	Andrews, Leslie Thomas Arthur	13, Burnt Ash Hill, Lee, S.E.12.
7769	Andrews, Thomas William	68, Brooklands Road, Manorway, Blackheath, S.E.3.
7439	Angus, George Ian	China Light & Power Co. (1918) Ltd., Hong Kong, China.
6702	Arnett, Edward	"St. Kevin", Priory Lane, Penwortham, Preston.
4947	†Arnold, Donald L. N.	
7970	Ashworth, Stanley Edgar	17, Holly Bank Grove, Bradford.
6872	Augier, Leonard Frank	22, Prospect Road, Finchley Road, N.W.2.
2596	Ayre, George	104, Elgin Road, Seven Kings, Essex.
7561	Bailey, Walter Frank	42, Crescent Road, Rhyl.
6646	Bain, John M.	66, Prestwick Road, Ayr.
7276	Barnes, Walter Ambrose	"Larivane", Alexander Drive, Douglas, Isle of Man.
6614	Barrett, Maurice James	"Sarnia", Jotman's Lane, South Benfleet, Essex.
5573	Bass, John W.	48, Meredith Road, Hilsea, Portsmouth.
4898	Batey, Robert Alexander. B.Sc.	c/o 85, Londonderry Road, Stockton-on-Tees.
7097	Bathurst, Eric Ronald	"Lynwood", Ashchurch Road, Tewkesbury, Glos.
7071	†Beardsley, Herbert	
6842	Beauchamp, Jos. Charles	50, Clapham Park Road, S.W.4.
6298	Beauchamp, Wm. Geo. Higgs	383, Kingsbridge Drive, Bankhead, Rutherglen, Glasgow.
4870	Bedford, Howard Edwim	c/o The Pyrene Co., Ltd., 9, Grosvenor Gardens, S.W.1.
7870	Beeken, David William	The Taikoo Dockyard & Engineering Co., Ltd., Hong Kong, China.
4288	Beeson, D. W.	c/o The Lisbon Coal and Oil Fuel Co., Ltd., Rua do Crucifixo, 49, Lisbon, Portugal.
7396	Begg, Robert	Fire Station, Delph Lane, Whiston, Prescott.
8710	Belcher, John Robert	108, Katherine Road, E.6.
7195	Bennett, George Laurance	"Lynton", Beam Hill, Anslow Lane, Burton-on-Trent, Staffs.
6848	Benson, Alfred Reginald	"Bradfyne", Beetham Road, Milnthorpe, Cumberland.
7344	Berlie, Roland St. Clair	25, Aintree Avenue, East Ham, E.6.
6223	Berry, Albert	60, Stubbin Lane, Sheffield, 5.
7819	Bescoby, Alfred James	31, Westcliff Street, Lincoln.
7343	Bishop, Harold	Q.M.G.9 Branch, War Office, Whitehall, S.W.1.
7567	Black, Oliver	212, Duncairn Gardens, Belfast.
7433	Blair, Pearce	Fenton House, Fenchurch Street, E.C.3.
8429	Bowman, Joseph	5, Stott Road, Walkerville, Newcastle.
2098	Bradshaw, G. A.	"Valdor", Mymms Drive, Brookmans Park, Herts.
4813	Brain, Herbert J.	499, Barking Road, East Ham, E.6.
8050	Brand, Peter Cummings	305, Pilton Avenue, Edinburgh, 5.
2069	Bray, P. R.	Box 1, Murwillumbah, New South Wales.
7737	Brazier, Sydney Leonard	"Lynsters", 67, Endlebury Road, North Chingford, E.4.
7564	Broad, Lewis Leslie	12, Glenavon Road, Mannamead, Plymouth.
1327	Broadbent, D. R.	c/o The Librarian, Royal Societies' Club, St. James' Street, S.W.
8479	Brown, Angus Polson	Board of Trade Surveyor's Office, 12, James Watt St., Glasgow, C.2.
1943	Bugg, Ernest A.	"Marden", 15, Glenlyon Road, Eltham, S.E.9.
4020	Burgess, Alexr. D.	c/o Liptak Furnace Arches, Ltd., 59, Palace St., Victoria St., S.W.1
5733	Bush, John Thomas	Messrs. W. & L. Cole, Ltd., Clinton Road, London, E.3.

† Address wanted.

ASSOCIATE MEMBERS.

NO.	NAME.	ADDRESS.
5749	Bush, Robert Hill	70, Ward Avenue, Grays, Essex.
5777	Butler, Fredk. M.	c/o Metro. Traffic Commissioners, Romney House, Marsham Street, S.W.1.
7501	Butler, William Owen	18, Lonsdale Street, Anlaby Road, Hull.
6442	Cameron, Arch. Taylor	St. James Power Station, Singapore, S.S.
7886	Cameron, James	140, Old Inverkip Road, Greenock, Renfrewshire.
3863	Campbell, A. M.	"Argyll", 27, West Avenue, Church End, Finchley, N.3.
7527	Campbell, John McLeod	"Glendaruel", 268, Harcourt Street, Teneriffe, Brisbane, Queensland.
6669	Campbell, Peter, Jun'r.	"Myrtlebank", Blythswood Avenue, Renfrew.
6520	Canter, George W.	Metropolitan-Vickers Electrical Co., Ltd., 1, Kingsway, W.C.2.
5738	Carmichael, Arthur H. Lieut. (E.), R.N.	"The Moorings", Buckland Road, Maidstone, Kent.
5518	Carnaghan, James Tod, B.Sc.	"Heathfield", 115, Anderton Park Road, Moseley, Birmingham.
6644	†Carr, John	
7117	Casey, Victor Harold	Sakri P.O., B. & N.W.Rly., India.
7214	Cassell, Claude William	"Peacehaven", Central Road West, Drayton, Portsmouth.
5353	Caswell, Wm. Henry	16, Cleveley Road, Allerton, Liverpool, 18.
7083	Chalmers, Robert	2, Dolphin Avenue, South Circular Road, Dublin, I.F.S.
7853	Chandler, William John	12, Primrose Terrace, Thornaby-on-Tees, Yorkshire.
6729	Chisholm, Alan Donald	3, Blandford Road, St. Albans, Herts.
5760	Clark, James H.	58, Kingsway, Penwortham, Preston, Lancs
6456	Clark, Royston Herbert	Warri Transport, John Holt & Co. (Liverpool) Ltd., Warri, Nigeria, W. Africa.
6779	Clothier, Arthur Geo.	12, Daffodil Street, W.12.
7549	Cole, Albert William	29, Achill Road, Upper Drumcondra, Dublin.
5215	Cole, Thomas E.	84, Langstone Road, Milton, Portsmouth.
7796	Collier, Gordon Thomas	Christmas Island Phosphate Co., Christmas Island, Singapore.
6600	Collins, Henry G. Warrant Engr., R.N.	41, Edwin Road, Rainham Mark, Gillingham, Kent.
6926	Connal, John	c/o Shalimar Engineering Works, Calcutta, India.
7270	Cornford, Albert George	Flat 3, 27, Thicket Road, Anerley, S.E.9.
6458	†Cottingham, Edwin	
8001	Cowie, George White	T.s.s. <i>Tia Juana</i> , c/o Lago Shipping Co., San Nicholas, Aruba, N.W.I.
8541	Cowlin, Frederick John	26, Oval Road, Rugby, Warwicks.
7735	Cowper, Edward Clark	"Glendene", 44, Harton Lane, South Shields.
7448	Craib, Charles	141, Elsenham Street, Southfields, S.W.18.
5892	Creed, Leonard A. Comd. Engr., R.N.	H.M.S. <i>Triumph</i> , c/o Messrs. Vickers-Armstrongs, Ltd., Barrow-in-Furness.
7742	Crick, Percy Joseph	84, Franklyn Avenue, Crewe, Cheshire.
8450	Crosby, William, Jun'r.	38, Mainsforth Terrace, Sunderland.
7174	Culling, Henry John	4, Lower Drayton Road, Lower Hellesdon, Norwich.
7834	Currie, Owen	5th Engineer, c/o B.I.S.N. Co.'s Agents, Mackinnon, Mackenzie & Co., 16, Strand Road, Calcutta.
6638	Dale, Frank R., B.Sc.	Lloyd's Register of Shipping, 95, Bothwell Street, Glasgow.
6939	†D'Arcy, Wm.	
6076	Dasgupta, Kali P.	Engineer, Gorumahishani Iron Mine, P.O. Gorumahishani, B.N. Railway, India.
6921	Da Silva, Jos. Figueira	102, Carmichael Street, N/C Burg, Georgetown, British Guiana.
7371	†Davidson, Donald	
6591	Davies, Brinley D.	Room 5043, D.A.P., Air Ministry, Berkeley Square House, Berkeley Square, London. W.1.
7701	Davis, Gordon	Wilson, Sons & Co., Ltd., St. Vincent, Cape Verde Islands.

† Address wanted.

ASSOCIATE MEMBERS.

NO.	NAME.	ADDRESS.
6191	Davison, Geo. Nathan	18, Hazleleigh Avenue, Woolston, Southampton.
1797	Day, H. F. L.	c/o The Institute.
6610	Delo, Walter E. W.	34, Milton Park, Highgate, N.6.
8453	Dewar, Leonard Scott	"Amistad", Windygates, Fife.
5157	Dodd, Charles Garlick	6, Relton Terrace, Monkseaton, Northumberland.
7902	Dolan, James	139, Harland Avenue, Sidcup, Kent.
7610	Doré, Richard Edward	97, Longwood Gardens, Ilford, Essex.
7210	Douglas, Walter Grattan	M.V. <i>Anshun</i> , c/o Butterfield & Swire, Hong Kong.
6858	Drake, Donald Claude	"Greenways", Ockham Road, West Horsley, Surrey.
4359	Drummond, V. A., Miss	The Studio, 143, Kennington Road, S.E.11.
7781	Duncan, John	17, Park Avenue, Lauriston, by Falkirk.
7507	Efford, Arthur Charles	10, Waterfall Road, Arnos Grove, New Southgate, N.11.
7581	Ellis, George	Marine Dept., G.E.C., Kingsway, W.C.2.
6910	Ellis, Ralph Richards	26, Elphinstone Court, Streatham Common, S.W.16.
7509	English, Robert Harry	46, William Street, Fulwell, Sunderland.
5532	English, Thomas C.	63, Knock Eden Park, Belfast.
4832	Estur, Herman	35, Bloemenlei, Oude-God, Antwerp.
7266	Evans, Ivor James	36, Victoria Park Road West, Victoria Park, Cardiff.
7702	Evans, Robert Taylor	Lindsay Street, Mayfield East, via Newcastle, New South Wales.
5994	Evans, William Leonard	74, Birkhall Road, Catford, S.E.6.
5899	Evetts-Strange, F. L.	116, Ripon Street, Calcutta, India.
6792	Ferguson, Geo. Johnston	"Gifford", 111, Merrylee Road, Newlands, Glasgow.
8032	Ferguson, James Craig	52, Athelstane Road, Knightswood, Glasgow.
7766	Filshie, James Ford	c/o W. McGrath, Esq., 55, Sydney Street, New Farm, Brisbane.
4775	Flood, Stanley Harry	48, Station Road, Loughton, Essex.
5225	Florence, Arthur P.	2, Percy Street, Oxford Street, W.1.
4850	Fotheringham, Walter Ellis	Mercantile Marine Engineering & Engraving Dock Co., S.A., Bassin Canal W.245, Antwerp, Belgium.
7085	Freeman, Henry	40, Ankerdine Crescent, Shooters Hill, London, S.E.18.
6291	Frost, John	7, Hazelwood Road, Woodsmoor, Stockport, Ches.
7797	Fulford, Leslie John	131, South Lane, New Malden, Surrey.
7803	Gandy, Arthur Norman	10, Windsor Terrace, Gosforth, Newcastle-on-Tyne.
3483	Gaydon, E. P.	48, Powerful Street, Walesey Island, Barrow-in-Furness.
8110	Gazdar, Sorab Motabhy	"North Camp", Carmichael Road, Cumballa Hill, Bombay, India.
6784	George, Richd. Lindsay	c/o Noyes Bros. (Sydney) Ltd., Box 148c, G.P.O., Brisbane, Australia.
5982	Gibbeson, Thos. Percy	"Briar Dene", Gibson Road, Renfrew, Scotland.
7782	Gill, Henry Armstrong	8, Marshfield Avenue, Goole, Yorks.
8044	Glen, William Peter	171, Wren Road, Sidcup, Kent.
7767	Gough, Arthur Allerton	"Llyfnant", Myers Road East, Great Crosby, Liverpool.
7832	Graham, John	"Berea", Wiltson Road, Littleover, Derby.
6546	Grant, Ian	Plantation "Albion", Berbice, British Guiana.
7846	Grant, Wilfred Ernest	21, Roy Gardens, Aldborough Hatch, Ilford, Essex.
4353	Graves, J. H.	97, Maidstone Road, New Southgate, N.11.
6864	Gray, George Alexander	"Invercloy", Mill Road, Yoker, Glasgow.
6406	Gray, George R.	88, Old Prospect Road, Wentworthville, N.S.W.
4926	Griffiths, David	"Colville", 3, Addington Drive, Finchley, N.12.
4586	Grocock, William	110a, High Street, Barnet, Herts.
6825	Groves, Arthur	19, Arncliffe Gardens, West Hartlepool, Co. Durham.
7906	Gueroult, Robert Eugene	5, rue Gabrielle D'estrees, Vanves, Paris.
7335	†Gulstad, Hugh Campbell	
5682	Hall, Edward Richard, B.Sc.	23, Saint Barnabas Road, Woodford Green, Essex.
6690	Hall, John William	1, Kerrison Road, Ealing, W.5.

† Address wanted.

ASSOCIATE MEMBERS.

NO.	NAME.	ADDRESS.
5511	Hall, John William	32, Tranmere Road, Whitton, Middlesex.
4234	Hall, Wilfred	44, Redewater Road, Fenham, Newcastle-on-Tyne.
3462	Halls, George	35, Parker Road, Peverell, Plymouth.
7929	Halton, Sidney	18, Regent Road, Aylesbury, Bucks.
7108	Hamilton, John Norman	Auburn, Falkirk, Stirlingshire.
4587	Hardcastle, Frank Edward	c/o Thos. Cook & Son, Ltd., Banking Mail, Berkeley Street, W.1.
4644	Harden, W. H. G.	14, Amherst Road, Withington, Manchester.
4754	Hardy, Alfred Cecil, B.Sc. (Associate Member of Council)	110, Fenchurch Street, E. C.3.
6856	Harrison, Cuthbert Alfred Lakin Major, O.B.E.	c/o Midland Bank, Ltd., 27, Haymarket, London, S.W.1.
7930	Hartley, Eric Victor	8, Sycamore Avenue, Upminster, Essex.
6072	Hartnell, Roland G.	Portland House, 1, Portland Place, Hastings.
7703	Harvey, Wilfred Roy (Associate Member of Council)	14, Croftdown Road, London, N.W.5.
8170	Haver, Edward	117, Eastcote Avenue, Greenford, Middlesex.
8111	Hawgood, Berkley Vernon	P.O. Box 1195, Johannesburg, Transvaal, S. Africa.
7506	Hayes, William Ernest	Faraday House, 52, The Avenue, Leagrave, Luton, Beds.
7063	Hayman, Thomas Penson	31, Trafalgar Road, Peckham, S.E.15.
7911	Henderson, Ronald Rutherford	"Delaware", 5, Leigh Park Road, Leigh-on-Sea, Essex.
8033	Henley-Smith, Herbert	Blackalls, Lake Macquarie, via Newcastle, N.S.W., Australia.
5938	Hepple, Ernest A.	c/o Singapore Harbour Board, Singapore, S.S.
7298	Herbert, Chas. A.	R.F.A. <i>Brambleleaf</i> , c.o. G.P.O., London.
4315	Heron, Wm. McEwan	"Sandyford", Barley Lane, Goodmayes, Essex.
7029	Hicks, Savell	"Strangford", St. Thomas' Road, Blackrock, Co. Dublin.
6622	Hislop, Thomas	22, Queens Drive, Beeston, Nottingham.
7144	Hobson, Robert Alexander	15, Denwick Terrace, Tynemouth, Northumberland.
6930	Hodges, Hercules John	63, Suffolk Avenue, Southampton.
7931	Hogg, Roy Stanley	68, State Mines, Transvaal, South Africa.
7820	Holker, James	28, Farrer Road, Longsight, Manchester, 13.
5382	Holland, Richard Leslie	20, Billiter Street, E.C.3.
7625	Holmes, Arthur Henry	153, Tantallon Road, Glasgow, S.1.
5094	Holmes, Verena Winifred, B.Sc.	127, Highbury New Park, London, N.5.
7311	Honey, Edwin George Henry	13, Coronation Road, St. Peter Port, Guernsey, C.1.
5796	Hook, Alfred R.	Somerset House, Southborne Grove, Westcliff-on-Sea, Essex.
7934	Hope, James	c/o Telfer, 6, Campbell Street, Greenock.
4225	Hosking, Hy. H.	"Lynam", Rock, Wadebridge, Cornwall.
7360	Hubbard, John Allen	19, The Meadway, Dore, Sheffield.
8095	Hutcheon, William Alexander	Dockyard Superintendent, Irrawaddy Flotilla Co., Ltd., Moulmein, Burma.
7457	Hutchison, Martin	27, South Hill Road, Oxton, Cheshire.
5430	Isterling, Wm. Richard	200, Allerton Road, Mossley Hill, Liverpool.
7465	†Ives, Cyril Bernard	
5622	Jack, John Wm. Alexander	96, Inglemire Avenue, Beverley High Road, Hull.
6467	Jarratt, Arthur Vernon	Atlas Diesel Co., Ltd., New Oxford House, W.C.1.
6657	Johnson, George F., B.Sc.	Head of the Technological Department, The Technical College, Wake- field, Yorks.

† Address wanted.

ASSOCIATE MEMBERS.

NO.	NAME.	ADDRESS.
4528	Jolly, Robert	122, Leadenhall Street, E.C.3.
8929	Jones, Arthur William B.Sc.	199, St. Margaret's Road, Twickenham, Middlesex.
2737	Jones, Ernest H.	3, Norbury Cross, Norbury, S.W.16.
8690	Jones, Herbert Simpson Wight	66, St. John's Park, Blackheath, S.E.3.
7285	Jordan, Edwin Cyril	"Kamari", High View, Wallsend-on-Tyne.
8806	Keenan, George	33, Court Hey Road, Liverpool, 16.
7364	Kerr, John	31, Greenhill Avenue, Giffnock, Renfrewshire.
7741	Keymer, Arthur Reginald	Office of the River Transport Officer and Superintending Engineer, Mandalay-West, Burma.
4596	King, Douglas Henry	30, Orpington Road, Winchmore Hill, N.21.
7935	King, Robert Henry	c/o 13, Carlton Gore Road, Grafton, Auckland, C.3, New Zealand.
7119	Kirby, William Henry	31, Grosvenor Road, Wallasey.
4334	Kistruck, John Frederick Scrivener	"Batcombe", Vincent Avenue, Carshalton Beeches, Surrey.
5318	Knibbs, Richard P.	146, Wragby Road, Lincoln.
7170	Knight, James Andrew	"Shortlands", Dunmurry, Co. Antrim, N.I.
5450	Knopp, Leslie	"Eqonce", 3, Harewood Road, South Croydon.
7019	†Lackersteen, Wm. Alfred	
6517	Larter, Frank Alfred James	11, Ravenscourt Square, Hammersmith, W.6.
2579	Lawson, John Dand	22, Rue Nassau, Antwerp.
6342	Leahy, William John	10, Willdestan Avenue, Liverpool, 23.
6958	Lenaghan, Henry Patrick	"Glencree", Cyprus Gardens, Belfast.
7394	Le Pla, Frederick Robert	"Millendreath", Worrall Road, Worrall, near Sheffield, Yorks.
7876	Lilauwala, Keki Framroz	Bouna Casa, Sir Phiroshaw Mehta Road, Fort, Bombay, India.
4659	Lockie, Andrew C.	Sudan Government Railways and Steamers, Khartoum North, Sudan.
7971	London, Joseph Clare	105, Egerton Road, Manchester, 16.
3200	Lowcock, Percy	"Fenholme", Stocksfield-on-Tyne.
7658	Ludlam, Frank William, B.Sc.	"Kopaci", Mayfield Road, Falmouth.
5604	Luly, Edgar Lionel	Babcock House, Farringdon Street, E.C.4.
5601	MacDonald, Dennis Warr. Engr., R.N.	H.M.S. <i>Afridi</i> , c/o G.P.O., London.
7471	Macdonald, John Charles	Subway House, 175, Scotland Street, Glasgow.
6686	Mackay, Alexander Mackenzie	36, Claremont Road, Tunbridge Wells, Kent.
7768	Mackay, William Gemmell	11, Park Place, Stirling.
7450	MacNeill, Aeneas	"Islay", 33, Chiltern Road, Willoughby, Sydney, N.S.W.
7707	Macneill, Alexander Clark	105, Mitre Road, Jordanhill, Glasgow, W.4.
6435	McCready, Allan David	65, Trevor Road, Orrell Park, Liverpool, 9.
7261	McDonald, Wilfred	Flat No. 18, 119, 41st Street, Rangoon.
6443	McDonald, Wilfrid James	20, Holderness Road, Heaton, Newcastle-on-Tyne.
6363	McDougall, Donald G.	27, Wensleydale Road, Hampton, Middlesex.
7351	McGregor, William	21, Salisbury Road, Edinburgh, 9.
5332	McIntyre, John Taylor, B.Sc., Ph.D., A.R.T.C., Wh.Sc.	c/o The New Consolidated Gold Fields, Ltd., 75, Fox Street, Johannes- burg, S. Africa.
6654	McIver, John P.	H.4, I.P.C., Haifa, Palestine.
7732	McLaren, John Watt	215, Croftpark Avenue, Cathcart, Glasgow, S.4.
6788	McLaren, Robert Hugh Gilbert	27, Bolam Street, Battersea Park, S.W.11.

† Address wanted.

ASSOCIATE MEMBERS.

NO.	NAME.	ADDRESS.
7650	McLean, Peter Wyllie	Rectory Lane, Dysart, Fifeshire.
4420	McNaught, J. L.	"Hilmore", Duke Street, Formby, nr. Liverpool.
5790	McNeill, William	"Barnbeth", 21, The Crescent, Redcar, Yorks.
4616	Mair, Aeneas Anderson	8, Mackie Grove, Filton, Bristol.
7207	Mann, Geoffrey	Sutherland House, Station Road, Aylesford, Kent.
7821	Manville, Percy Arnold	c/o R.S.N. Co., Ltd., Macneill & Co., 2, Fairlie Place, Calcutta.
6557	Marriner, George Taylor (Associate Member of Council)	Marriner & Co., Ltd., 46, Southampton Row, London, W.C.1.
7384	Marsh, Andrew	2nd Engr., m.v. <i>Silversandal</i> , c/o Messrs. Kerr S.S. Co. Inc., Pier Foot of 57th St., Brooklyn, N.Y.
4919	Martin, John Henry	40, Union Grove, Aberdeen.
3247	Martin, William Jardine	19, Burnside Road, Gourrock, Renfrewshire.
7667	Mead, Gerald Stanley	Board of Trade, Surveyor's Office, 12, James Watt St., Glasgow, C.2.
7012	Meiklejohn, James	32, Saltoun Street, Wick, Caithness.
6532	Menzies, Wm. Gladstone	c/o Penang Harbour Board, Penang, S.S.
5364	Mercer, Herbert A.	"Treetops", Hillside, Banstead, Surrey.
7972	Miller, Robert William	"Beechcroft", Lakewood Road, Chandlers Ford, Southampton.
4951	Mills, Edward Cecil	"Avalon", Trelawney Road, Camborne, Cornwall.
8052	Mitchell, Earle Douglas William	120, Montpelier Gardens, East Ham, E.6.
7496	Mitchell, Edmund Noel Michael	1, Arthur Street, Nottingham, Notts.
8153	Mitchell, George Bowie	9, Boyd Street, Crosshill, Glasgow, S.2.
6493	Mitchell, John	42, Argyle Place, Edinburgh.
6317	Mitchell, Wm.	Messrs. Andrew Yule & Co., Ltd., 8, Clive Row, Calcutta.
5952	Moitie, Walter Richard	Castle Emplacement, St. Peter Port, Guernsey.
5521	Monro, James Muir	61, St. Margarets Road, Ruislip, Middlesex.
6605	Moore, James T.	c/o The English Electric Co., Ltd., Rugby.
6895	Morgans, Sydney Bryant	48, Briarlands Avenue, Brooklands, Sale, Cheshire.
5871	Mosey, Harold Y.	"Tipswains", Cole End, Wimbish, Saffron Walden, Essex.
6628	Motion, Vernon	c/o Jas. Flower & Sons, 4, Cophall Court, Throgmorton Street, E.C.2.
7446	Munro, William	Sub Nigil, P.O. Dunnottar, Nigil, Transvaal, South Africa.
4713	Nelson, Hugh Squadron Leader, M.B.E.	St. Brides, Swan Road, West Drayton, Middlesex.
7182	Neogy, Dhruva Lal	Dredging Supt., Bhavnagar State Ports, c/o Port Officer, Bhavnagar Para, Kathiawar, India.
7279	Nevison, Walter	Sowood View, Manor Road, Ossett, Yorks.
6726	Newell, Ronald	16, Malone Hill Park, Belfast, N. Ireland.
8930	Newton, Wilfred Marshall	9, Osborne Avenue, South Shields.
6655	Nicholas, Ernest Lanyon	95, Victoria Road, Barrow-in-Furness.
7289	Nicholas, William Helge Cowell	191, Sunderland Road, Harton, South Shields.
7366	Nicholls, Arthur Llewellyn	"Cotswold", Arbuthnot Lane, Bexley, Kent.
8002	Nicholson, George James	2, Cliff Avenue, Loughborough, Leicestershire.
7486	Nicholson, Kenneth Leonard	"Mount View", North Farm Road, Tunbridge Wells.
4786	Nicoll, William J.	c/o Burmah Shell Oil Co., Hong Kong House, Calcutta, India.
7472	Niven, William John	21, Sydenham Road, Stockton-on-Tees.
7056	Norman, Harry Hastings	11, Windsor Gardens, Hayes, Middlesex.
4053	Oman, George William	Chief Engr., Hamilton Cotton Co., Ltd., Mary Street, Hamilton, Ontario.
5012	O'Shea, John Charles	68, Braemar Avenue, Wimbledon Park, S.W.19.

ASSOCIATE MEMBERS.

NO.	NAME.	ADDRESS.
3942	Owen, Sidney	Engineering Dept., School of Science and Art, High Street, Barnstaple
6956	Owen, Stanley	"Stanmae", Sutton Road, Beverley High Road, Hull.
6822	Oxenbury, Harold Fredk. John, C.E.R.A., R.N.	11, Hawthorne Avenue, Rainham Mark, Rainham, Kent.
7004	Painter, Robert Edward	Rivington, Stoke Poges Lane, Slough, Bucks.
2860	Palmer, E. Frank	"Oaklea", 127, Carlton Avenue East, Wembley, Middlesex.
4146	Palmer, John E.	11, Ajax Avenue, Colindale, N.W.9.
8034	Palmer, Kenneth	52, Union Road, Shirley, Birmingham.
7798	Parfitt, Edward Clarence	"Netherven", Garrison, Barbados, B.W.I.
6698	Parker, George C.	2, Waterworks Houses, Simonswood Lane, Royal Oak, Bickerstaffe, Nr. Ormskirk, Lancs.
7105	Parker, Harold Atwood	26, Mills Terrace, Chatham, Kent.
7988	Parnell, Chas. Stewart	38, Bevington Crescent, Coventry.
7716	Parry, Edward Louie	41, Lampton Avenue, Hounslow, Middlesex.
6068	Paterson, Arthur Gordon	30, Grange Drive, Monton Green, Manchester.
6297	Patterson, Edwd. Harry	8, Valeview Terrace, Langside, Glasgow.
7772	Peck, Francis Henry	C.s. <i>Lady Denison-Pender</i> , c/o Cable & Wireless, Ltd., Aden.
6390	Perkins, Joseph R.	96, Yorkland Avenue, Welling, Kent.
7903	Perry, Harold G. B.	94, Canton Road, Shanghai, China.
4395	Phemister, A. G. B.Sc.	129, Bath Street, Glasgow, C.2.
6770	Pilling, Wm. Gibson	177, Upper Dale Road, Derby.
7611	Pitts, Clarke James Philip	"Greenhill", Argyll Road, Duryard, Exeter.
6361	Plastow, Edwin Chas.	23, Bruce Street, Scunthorpe, Lincs.
7822	Plews, Christopher	2, Wimbourne Drive, Kingsbury, N.W.9.
3873	Plummer, W. R. G.	57, Lichfield Road, Southtown, Great Yarmouth.
7236	†Polack, Ivor Julius Emanuel	
6007	†Porter, Thomas N. S.	
4943	Price, David James	10, Brooklands Terrace, Swansea.
5143	†Prowse, Robert C.	
5593	Pugh, Brinley	"Hollyshaw", Station Road, Scholes, nr. Leeds.
6899	Quarrell, Alfred Percy	4, Johnson Mansions, Queen's Club Gardens, West Kensington, W.14.
7847	Rae, Thomas	"Bay View", Caledonia Crescent East, Gourock.
6602	Rae, William Stuart	18, Roy Avenue, Foxhall Road, Ipswich.
6205	Rea, James Henry	283, Knowsley Road, Bootle, Liverpool, 20.
8897	Rea, John Randle	168, Centenary Road, Goole, Yorks.
6814	Reed, John Jeffrey	"Deeny's Hotel", 43, Carlisle Road, Londonderry.
2528	Rees, Harry Llewellyn	96, Berkley Street, Toxteth Park, Liverpool, 8.
7473	Rees, Robert Leslie	"Beverley", Maidenhall, Highnam, Gloucester.
6057	†Reid, Robert J. A.	
7226	Reyner, Robert Edgar	Park Garage, Four Marks, near Alton, Hants.
7823	Ridings, Albert	34, Broadway, Walkden, Nr. Manchester.
5021	Rischmiller, George L.	58, The Avenue, North Chingford, London, E.4.
5416	Roberts, Stanley Moir	c/o Shipping Department, Messrs. C. G. Smith & Co., Ltd., Smith Street, Durban, S. Africa.
5804	Robinson, Albert L.	"Kamakura", Coulsdon Rise, Coulsdon, Surrey.
5110	Robinson, Kenneth Harry	8, New Park Court, London, S.W.2.
3901	Romano, Paul	Compagnie Générale Transatlantique, 6 rue Auber, Paris, 1X ^e , France
7129	Ross, Edwin William	4, Thornwood Road, London, S.E.13.

† Address wanted.

ASSOCIATE MEMBERS.

NO.	NAME.	ADDRESS.
8339	Ross, Thomas Nimmo	"Little Dene", Burntisland, Fife.
7799	Ross, Thomas William	2, Crawford Street, Seaton Carew, Co. Durham.
6853	Rothwell, Leonard Brearly	8, Wedey Court, Gibbins Road, Selly Oak, Birmingham, 29.
6364	Roxburgh, John L.	David MacBrayne, Ltd., Clyde House, 44, Robertson Street, Glasgow, C.2.
8711	Russell, Chas. Stiven	Telephone House, Carloli Square, Newcastle-on-Tyne, 1.
4972	Russell, Wm. Robertson	Camilty Lodge, Harburn, Midlothian.
8040	Rutherford, John Rowland	1, Windsor Terrace, Gosforth, Newcastle-on-Tyne.
7592	† Saint-Yves, Henri M.	
7955	Salter, Tom	170, Bransford Road, Worcester.
6131	Sambell, Arthur J. Comm'd. Engineer, R.N.	H.M.S. <i>Glorious</i> , c/o G.P.O., London.
6906	Sandilands, George	"Margha", Stirling Road, Dumbarton.
4942	Sargeant, Hedley Gordon	50, Cyprus Avenue, Church End, Finchley, N.3.
5789	† Scott-Robertson, Edmund B.	
7356	Selman, George Sidney	12, Kineton Road, Southampton.
7328	Sephton, William	c/o Duly, Victoria Drive, Llandudno Junction, Caernarvonshire.
2257	Shackleton, E.	56, Lyndhurst Grove, Peckham, S.E.15.
5636	Sharp, William H.	111, Fairmead Avenue, Westcliff-on-Sea.
7191	Shaw, David	43, Crossfield Road, Cleator Moor, Cumberland.
8898	Shieff, Solomon	24, North Grove, Sunderland.
8619	Short, John Frederick	"North View", Nedderton, Northumberland.
4833	Simpson, Frederick Flight Lieut., R.A.F., ret.	"Cecilhurst", Walderslade Road, Chatham, Kent.
5786	Sketch, Harold R.	"Ridge Cottage", The Ridge, Woodcote Park, Epsom, Surrey.
4940	Skinner, Donald Bristow	"Sunny Ridge", Cross-in-Hand, Sussex. Via Tunbridge Wells.
7973	Smith, Alfred Douglas, B.Sc.	613, Sidcup Road, Eltham, S.E.9.
4344	Smith, Edward A.	"Cadillac", West Avenue, Gorleston.
6841	Smith, Fredk. Arthur	101, Ashburton Avenue, Ilford, Essex.
7526	Smith, Sidney John	82, Ormonde Avenue, Hull.
8109	† Smithson, Frederic	
7033	Smurthwaite, Francis Jolly	55, King John Street, Newcastle-on-Tyne, 6.
7310	Spring, Stanley Ralph	47, Chestnut Close, Chase Road, Southgate, N.14.
4788	Staal, Gabriel	111, Avenue d'Italie, Antwerp.
5970	Stanbury, Gordon Hugh	"Oakwood", 57, Holmdene Avenue, Headstone Lane, North Harrow.
7064	Stephen, James Reid	9, Belton Park Avenue, Donnycarney, Dublin.
6903	Stiles, John Barrington	Trespassers' Cottage, Mincing Lane, Chobham, Surrey.
7407	Stonehouse, Charles Henry	Pln. "Diamond", East Bank, Demerara, British Guiana.
6021	Stott, Thomas C. F.	16, Moreton End Lane, Harpenden, Herts.
6997	Studholme, Joseph A. H.	"Wayside", Endlebury Road, Chingford.
5613	Sycamore, W. A.	White Lodge, Brightlingsea, Essex.
8235	Tabb, Harold James	42, Cheston Avenue, Shirley, Croydon, Surrey.
6083	Tagg, Douglas, B.Sc.	27, Alexandra Park, Sunderland.
8089	Tait, Andrew James	82, York Road, West Hartlepool.
6248	Tate, Horace H. A.	32, Egmont Road, New Malden, Surrey.
5039	Taylor, Andrew	20, Gosford Place, Ferry Road, Edinburgh.
7704	Taylor, George	c/o De Vere Hotel, Kensington, London, W.8.

† Address wanted.

ASSOCIATE MEMBERS.

NO.	NAME.	ADDRESS.
5504	Taylor, John R.	Messrs. Manaos Tramways & Light Co., Ltd., Caixa Postal 148, Manaos, N. Brazil.
3596	Taylor, Walter	41, Grey Street, Newcastle-on-Tyne, 6.
4597	Teasdale, Joseph J.	"Fernleigh", Woosington Gardens, Kenton, Newcastle-on-Tyne.
4669	Teunon, Frank G. S.	37, Stourton Road, Ainsdale, Southport, Lancs.
6790	Thompson, Arthur Hathway	c/o Sprostons, Ltd., Georgetown, Demerara, British Guiana.
6378	Thompson, Bruce Wright	3, Woodhurst Road, Moseley, Birmingham, 13.
4652	Thompson, R. W.	"Eastways", Arundel Avenue, Upper Selsdon Road, Sanderstead, Surrey.
7385	Thomson, Hugh	38, Julian Street, South Shields.
5171	Thomson, John	86, St. George's Drive, Carpenders Park, Watford.
8096	Thomson, Malcolm Fleming	"Cartref", Cable Road, Whitehead, Belfast.
7377	Thomson, William Gilbert	Worthington-Simpson, Ltd., Queen's House, Kingsway, London, W.C.2.
6621	Thorne, Robert C.	111, Upton Park Road, Forest Gate, E.7.
5396	Thornton-Smith, Gilbert	"Brunnen", 52, Wellington Avenue, Chingford, Essex.
5758	Timpson, Arthur Douglas	c/o Messrs. Gray MacKenzie & Co., Ltd., Basreh, Iraq.
6538	Todd, Arthur N.	1, Edenbridge Road, Hall Green, Birmingham.
5253	Tonkin, Charles W.	8, Cutenhoe Road, Luton, Beds.
6830	Torry, George Henry	3, Borella Road, West Derby, Liverpool.
7705	Trenchard, Lewis David	Lloyd's Register of Shipping, Orchard Chambers, Church Street, Sheffield, 1.
5188	Tribe, Charles G.	168, Perth Road, Ilford, Essex.
8035	Tucker, Joseph Francis	"Slainte", Little Thrift, Petts Wood, Kent.
8042	Turner, George William	31, Cherry Orchard, West Drayton, Middlesex.
7330	Turner, Jas. Baillie	c/o Alcock Ashdown & Co., Defence Engineering Works, Mazagon, Bombay.
5359	Tyrrell, Henry Richard B.Sc.	48, Windermere Road, Muswell Hill, N.10.
5146	Upton, Henry Edward	32, Mirfield Road, Solihull, Warwickshire.
8070	Urquhart, Francis	9, Summerfield Place, Edinburgh, 6.
4314	van Haersolte, Baron Jan W. J.	Haringvliet South, 68, Rotterdam.
7487	Vaughan, Cyril Hugh	38, Melville Court, Goldhawk Road, London, W.12.
6246	Verschueren, John	17, Rue du Roi, Antwerp, Belgium.
7643	Walburn, Douglas Rhind	Lloyd's Register of Shipping, Orchard Chambers, Church Street, Sheffield, 1.
7156	Wallace, Robert McMurdo	Drysdale & Co., Ltd., Royal Mail House, Leadenhall Street, London, E.C.3.
7123	Walsh, Frederick Campbell	4, Overcombe, Weymouth, Dorset.
5137	Walsh, John	2, King Street, Blackburn.
3783	Warrender, F. C.	Oak Cottage, Whitchurch Road, Prees, Shropshire.
6961	Waterston, John Wm.	10, Caird Drive, Glasgow, W.1.
7736	Watson, Alexander George Steele	9, Fallows Street, Middlesbrough.
8464	Watson, James Robert	Mansfield & Co., Ltd., Singapore.
6132	Watts, Guy N.	36, Brightwell Avenue, Westcliff-on-Sea.
7084	Webster, George Reginald	c/o The Britannia Iron & Steel Works, Ltd., Bedford.
5721	Wells, Frank Roy	"Culmore House West", Culmore, Co. Londonderry.
6468	Wells, Walter R.	c/o Municipal Office, Penang, S.S.
6314	Welsh, Robert J., Wh.Ex.	1, Gilshaw Lodge, Bilton Road, Rugby, Warwicks.

ASSOCIATE MEMBERS.

NO.	NAME.	ADDRESS.
6219	Westlake, George Albert B.Sc.	"Burfield", 26, King Street, Pelaw-on-Tyne, Co. Durham.
5538	Wheatcroft, John Dixon	The House, Refuse Destructor Works, Park View Road, Tottenham, N.17.
7218	Whiffing, George Edward Frederick	"Dashwood", 23, Nut Lane, Grove Hill, Middlesbrough.
7000	Whittingham, Cyril	Manganese Bronze & Brass Co., Ltd., Watling Street, Dunstable, Beds.
5761	Wilkie, John S.	17, Ayres Terrace, North Shields.
6641	Will, Albert P.	31, City Road, Dundee.
4700	Will, John	China Nav. Co., c/o Butterfield & Swire, Hong Kong, China.
6337	Williams, Alfred L. F. L.	7, Heal Madog, Whitchurch, Cardiff.
7408	Williams, David Stanley	53, Church Road, Whitchurch, Glam.
6161	Williams, Denis A. S.	"Fortunedell", Manor Close, East Horsley, Surrey.
6949	Williams, Denzil George	143, Park Road, Loughborough, Leicestershire.
7313	Williamson, John Y., B.Sc.	244, Stoney Lane, Yardley, Birmingham.
6196	Wilson, Richard	141, Summergangs Road, Holderness Road, Hull.
8712	Winter-Evans, Robert Lieut. (E.), R.N., ret.	Ashanti Goldfields Co., Ltd., Obuasi, Gold Coast, West Africa.
8036	Wood, John James	3, St. Hilda Crescent, Hartlepool, Co. Durham.
7706	†Wooller, Henry William	
4090	Wright, Robert. H.	Greenhill House, Kilpike, Banbridge, Co. Down.
5978	Young, Robert.	81, Crookston Road, Eltham Park, S.E.9.

† Address wanted.



ASSOCIATES.

NO.	NAME.	ADDRESS.
8284	Abed, Mohammed Abdel Halim	c/o 30, Devonshire Road, Princes Park, Liverpool.
6235	Abraham, Alan H.	"Hill-Top", 163, Queens Road, Buckhurst Hill, Essex.
8674	Acworth, Bernard Capt. D.S.O., R.N.	40, Bedford Street, Strand, W.C.2.
8556	Adams, Arthur William	203, Abbott Road, Poplar, E.14.
5549	Albertini, John H.	Ingledeew Cottage, Cross Ingledeew Crescent, Leeds, 8.
8713	Alcock, Daniel Geo.	327, South Boulevard, Hessle Road, Hull.
8236	Alford, Leonard Charles George	"Grassmere", Nettleham, nr. Lincoln.
7332	Allan, Robert	General Electric Co. (India) Ltd., Magnet House, Mount Road, Madras, India.
8584	Allen, W. Kenneth G.	The Old Manor, Aspley Guise, Beds.
8691	Anderson, John Charles Balfour	680, Commercial Road, Stepney, E.14.
8755	Ball, James	11B, Theatre Road, Calcutta.
8411	Ballantyne, Robert Ewing Craig	Campana, Doran Drive, Redhill, Surrey.
8090	Ballard, Hori Hale	6, Aigburth Drive, Sefton Park, Liverpool.
7712	Banerji, Girindra Nath	20a, Hazra Road, Calcutta, India.
8480	Barker, Thomas	4, Mullen Road, Kings Road North, Wallsend-on-Tyne.
7728	Batey, John Robertson	10, Woodhead Road, Walkergate, Newcastle-on-Tyne.
7380	Baugh, Edward Francis Johnstone	Oceanic House, 1A, Cockspur Street, S.W.1.
8540	Beavis, Jack Caplen	19, Abbott's Way, Highfield, Southampton.
6730	Beavin, Eric Andrew	"Shellbank", 4, Raymere Gardens, Plumstead, S.E.18.
8206	Beckwith, John Andrew	P.O. Box 1, Kilindini, Brit. E. Africa.
7304	Belcher, Raymond	C.s. <i>Norseman</i> , c/o Western Telegraph Co., Ltd., Caixa 453, Rio de Janeiro.
8370	Bennett, Allan Montgomerie	"Highbury", 8, Ranelagh Drive N., Liverpool, 19.
5252	Bennett, Joseph Leonard Brooke	73, Miami Road, Pontiac, Michigan, U.S.A.
7476	Bennett, Norman Cyril Jas.	"Springfield", 431, Whirlowdale Road, Sheffield.
8218	Berry, Thomas	Testing Dept., Babcock & Wilcox, Ltd., Farringdon Street, London, E.C.4.
7390	Bingham, Herbert Edwin	"Nedlands", Victoria Street, Greenwich Point, Sydney, N.S.W.
7086	Bingham, Leslie Charles	56, Stanhope Road, Dover, Kent.
8874	Bollengier, Marcel	70, Rue Emile Lemaitre, Boulogne-sur-Mer, France.
7936	Booth, Ellis Arthur	1, The Slade, Headington, Oxford.
8187	Bourne, Frederick	"Killingworth", Holystone Avenue, Whitley Bay, Northumberland.
8875	Bowman, James	Mountview Cottage, Methil, Fife.
8532	Bradbury, William Paul	"Bagatelle", Rushington Lane, Totton, Southampton.
4427	Brand, William John	243, Elm Road, Leigh-on-Sea, Essex.
8412	Bridges, Robert George	"Dilkhush", Grange Park Avenue, Sunderland.
8452	Brigden, William Ernest Gransby	131, Winchmore Hill Road, Southgate, London.
8329	Brooks, Henry Arthur	174, Wandsworth Road, London, S.W.8.
8714	Brown, Leslie Wm.	Park House, 270, Barking Road, East Ham, E.6.
8876	Brown, Richard Henry	34, Stanley Street West, North Shields.
8248	Buckley, John	36 Wandle Road, Wandsworth, S.W.17.
7638	Buddle, Henry Noel	36, Marlborough Road, Falmouth.
5556	Burgis, Fredk. M.	Oceanic House, 1A, Cockspur Street, S.W.1.
5715	Burley, Clifford T.	2, Coneydale, Welwyn Garden City, Herts.
8734	Burnham, Arthur Ernest	Southern Hay, Hinton St. George, Somerset.

ASSOCIATES.

NO.	NAME.	ADDRESS.
7110	Cady, Ernest Northcott	131, Bede Burn Road, Jarrow-on-Tyne.
8693	Campbell, Alexander Fraser	"Greenoak", Wyndham Road, Ardbeg, Rothesay, Isle of Bute.
8466	Campbell, George Thomas Richardson	5, Warwick Road, South Shields, Co. Durham.
8371	Carmichael, James	Schoolhouse, Bridge of Earn, Perthshire.
8516	Carson, Henry	Carnaughts, Shankbridge, Ballymena, Co. Antrim, N. Ireland.
7848	Carter, John Robert	33, Ridgdale Street, Bow, E.3.
8038	Caulfield, Albert Victor	47, Moordown, Shooters Hill, S.E.18.
6518	Challice, Wm. A.	c/o Jas. Pollock, Sons & Co., Ltd., 3, Lloyd's Avenue, E.C.3.
6295	Chamberlain, Ellis Robert	"Penmere", Ingrebourne Gardens, Upminster, Essex.
6524	Charlton, John	"Strathdene", Hallfold, Whitworth, Rochdale.
7729	Christensen, S. G.	251, Hoe Street, Walthamstow, E.17.
8533	Chubb, Nigel Elford	2nd Engineer, m.v. <i>Edwy R. Brown</i> , c/o N.K.P.M., P.O. Box 405, Singapore.
8197	Clark, Francis David	27, Robeson Street, Burdett Road, Bow, E.3.
8678	Clarke, John David	C.s. <i>John W. Mackay</i> , c/o Commercial Cable Co., Halifax.
7538	Clench, Clarence Arthur	33, Park Lane, South Harrow, Middlesex.
8807	Coleman, Edward James	3rd Engr., c/o Anglo-Saxon Petroleum Co., Ltd., St. Helen's Court, London, E.C.3.
8165	Coleman, Robert William	Engineer, c/o Asiatic Petroleum Co., Shell House, Singapore, S.S.
6994	Collins, David James	121, George Lane, Catford, S.E.13.
8237	†Connolly, William Bennett	
8505	Connor, William Henry	50, Rosebery Avenue, South Shields.
8258	Conway, James	43, Price Street, New Ferry, Wirral, Cheshire.
7669	Cook, Thos. Arthur	90, Appletree Gardens, Walkerville, Newcastle-on-Tyne.
8419	Cotsworth, Edward Gwilt	107, Dicconson Street West, Wigan, Lancs.
7975	Courtenay, Herbert Hugh	205, Westcombe Hill, Blackheath, S.E.3.
8638	Craig, Joseph R.	S.s. <i>Soudan</i> , c/o P. & O. Co., 122, Leadenhall Street, London, E.C.3.
5210	Cranston, Ernest Watson, Wh.Sc.	17, Woodwaye, Oxhey, Watford, Herts.
8534	†Crowther, Harry	
7462	Cullinane, John Henry	Shell Co. of Egypt, Ltd., Port Said, Egypt.
8899	Cunningham, James Black	Kensington Mansions, Clarkston, Glasgow.
7002	Cutlack, Valentine Neville	21, Orchards Way, Highfield, Southampton.
7453	Cutress, Frederick Charles	6, Bromar Road, Camberwell, S.E.5.
8238	Dadachanji, Phiroze Dinshah	30, Malcolm Baug, Jogeshwari, Bombay Sbn. District, India.
8506	Dann, William Henry	60, Pagitt Street, Chatham, Kent.
7801	Das, Guru Prasad	3, Lovelock Place, Ballygunge, Calcutta, India.
8557	Davidson Patrick D.	1a, Vanbrugh Hill, Blackheath, S.E.3.
8620	Davis, Clifford Eric	"Knollwood", Chislehurst Road, Chislehurst, Kent.
7875	Davis, Leonard Henry William	No. 2, Riverside Cottages, Alfred's Way, Barking.
7510	Devlin, Thomas	58, Stamperland Drive, Clarkston, Renfrewshire.
6918	Dinnis, Fredk. Samuel	Birmingham Road, Cowes, I.o.W.
8677	Doel, Harold John	"Wyndsberre", 109, Weelsby Road, Grimsby, Lincs.
5811	Douglas, Alexr. L.	10, Dalnottar Hill Road, Old Kilpatrick, Dumbartonshire.
8808	Doust, Horace Eric	c/o 12, Wingate Avenue, Eastwood, Sydney, N.S.W.
8715	Duff, Cumming A. W.	China Navigation Co., Hong Kong.
8372	Duke, Cecil Alexander	7, Irwin Avenue, Belfast, N. Ireland.
8432	Dwyer, John James	47, Hatcham Park Road, New Cross, S.E.14.
7977	Edmiston, John Graham	31-33, Bishopsgate, London, E.C.3.

† Address wanted.

ASSOCIATES.

NO.	NAME.	ADDRESS.
8467	Edwards, Stanley Walter	c/o Station Engr., A.M.W.D., Henlow Camp, Biggleswade, Beds.
8786	Elder, Gerald Gower	92, Gainsborough Road, Wavertree, Liverpool.
8849	England, Ernest Edw.	283, Heaton Road, Newcastle-on-Tyne.
8770	Everett, Robert	1062, Shields Road, Walkerville, Newcastle-on-Tyne.
8129	Farmer, Frederick George	Post Box 603, c/o Bahrein Pet. Co., Ltd., Bahrein Island, Persian Gulf.
8900	Ferguson, William Ivor	c/o 55, Carlton Terrace, Whitley Bay.
8663	Fish, Sidney James	50, Plymouth Road, Penarth, S. Wales.
5879	Fisher, Arthur Hayward Lt., I.A.O.C.	No. 19, Mobile Section, "F" Ordnance Workshop Co., Hyderabad, Sind.
6884	Fisher, John William	55, Donaldson Road, Shooters Hill, Woolwich, S.E.18.
8536	†Fleming, Frederick J. V.	
8675	Flood, Edward Charles	101, The Crescent, Eastleigh, Hants.
7219	Fogg, Roger Cyril	"Chilaw", Heath Road, Welwyn, Herts.
8433	Foggin, Gilbert	34, Ramsden Dock Road, Barrow-in-Furness.
7945	Foreman, Wm. John Lyness	40, Church Street, Barrow-in-Furness.
8931	Fountain, Howard John	6, Brim Hill, London, N.2.
5279	†Franklin, Frederick Robert	
8275	Frayn, Clifford Cox	11, Windsor Street, Barrow.
8207	French, Horace Frederick	23, Chadwell Road, Grays, Essex.
8434	Froggatt, Thomas William	27, Skellingthorpe Road, Lincoln.
8302	Frost, George Ingram	137, Mitchell Street, Stockton, N.S.W.
8652	Galley, Joseph N.	45, Oakland Avenue, West Hartlepool, Co. Durham.
5514	†Gasson, Fred. C.	
8106	Gibb, William	109, Crebert Street, Mayfield, N.S.W., Australia.
8331	Gibbons, James F.	25, Beeston Fields Drive, Beeston, Notts.
8091	Gilliam, Alfred Charles	12, Ruston Avenue, Tolworth, Surbiton, Surrey.
8239	†Glen, James Cyril	
8307	Godfree, Frederick J. C. Sub-Lieut. (E.), R.N.	135, Crescent Road, Plumstead, London, S.E.18.
8566	Godfree, Reginald B.	19, Paget Street, Gillingham, Kent.
8312	Goldup, Douglas Robert	Dunbar Mills, Ltd., Shamnagar E.B. Rly., Bengal, India.
8716	Goodhind, Maurice	125, Great Queen Street, Dartford, Kent.
8932	Goodier, James Bruce	6, Longlands Avenue, Coulsdon, Surrey.
8149	Grainger, Thomas Walker	101, Deerpark Road, Belfast.
6351	Grant, Spencer Oliver	19, Bushey Park Gardens, Teddington.
6119	Gray, Robert G.	Bungalow 29/1, c/o Anglo-Iranian Oil Co., Ltd., Abadan, South Iran.
8901	Greathead, Bertie Leon	41, Croal Street, Georgetown, British Guiana.
7013	Greenfield, Eric	"Terringes", South Street, West Tarring, Worthing.
7523	Greve, Mervyn Mowbray	"Braemar", Alexander Road, Wellawatte, Ceylon.
5768	Grice, Douglas	16, Reynolds Road, Southampton.
7312	Grieve, William	14, Nelson Street, Edinburgh.
8694	Grieves, Edwin	8, Queens Avenue, Seaburn, Sunderland.
8037	Grigsby, Aubrey Haynes	6, Wellwood Road, Goodmayes, Essex.
6499	Gumbrell, Charles John	30, Elmhurst Road, Gosport, Hants.
8131	Gupta, Bal Krishna, B.Sc., LL.B.	c/o Rai Bahadur Jamna Prasad, Muttra (U.P.), India.
6450	Guthrie, George	36, Hadrian Road, Fenham, Newcastle-on-Tyne.
8787	Guthrie, John	"Earlsferry", 8 Prideaux Road, Eastbourne, Sussex.
4956	Gutsell, Stanley Scott	24, Linton Road, Hastings.
8558	Hall, Nicholas	164, Strathnairn Street, Cardiff.
8559	Hancock, Robert J. R.	24, Aberfeldy Street, Poplar, E.14.

† Address wanted.

ASSOCIATES.

NO.	NAME.	ADDRESS.
5863	Handley, Chas. E.	73, Swinderby Road, Wembley, Middlesex.
7827	Hannam, John Richardson	46, Westwick Road, Beauchief, Sheffield, 8.
8627	Hansard, Douglas Arnold Capt.	"Mayflower", Bath Road, Taplow, Bucks.
4828	Hanton, Albert Edward	203, High Street, Scunthorpe, Lincs.
7159	Hardcastle, Charles Henry	Alice Buildings, Hornby Road, Bombay, India.
6952	Harman, Kenneth Paul	"Vectis", Lower Road, River, Dover.
8276	Harper, Fredk. William	6, Russell Street, Vacluse, N.S.W.
7879	Harrison, Clement Philip	15, Longfield Avenue, Mill Hill, N.W.7.
7590	Harvey, John Lorrimer	"Rotherwood", West Road, Noctorum, Birkenhead.
7941	Hawkins, George Reginald	4th Engr. Officer, s.s. <i>Matra</i> , Messrs. T. & J. Brocklebank, Ltd., Cunard Building, Liverpool, 3.
6273	Hayward, Geo. Henry	53, Henniker Gardens, East Ham, E.
8303	Heatlie, William	7, Hastings Terrace, Grangetown, Sunderland.
8809	Heaton, John Arnold	Inspector of Machinery's Dept., Fullerton Building, Singapore, S.S.
8535	Heck, W. Dennis, Jun'r.	21, Sunnydale Gardens, Mill Hill, N.W.7.
8304	Hedworth, William Allen	Apartado 120, Las Palmas, Grand Canary.
8332	Helps, John William	c/o Messrs. Cuenod, Chatelaine, Geneva.
8771	Henderson, Malcolm James	208, Brighton Road, Purley, Surrey.
7946	Hirst, George Edward	c/o Blackstone & Co., Ltd., Stamford.
8621	Hobbs, Alfred William	"Homelea", Lennard Road, Bromley, Kent.
8810	Holyoake, Cedric Jennings	"Fairways", Cromer Road, Hornchurch, Essex.
8259	Howey, Ernest	6, Lansdowne Road, Falmouth.
4647	Howey, Henry William	"Langton", Captains Road, Liberton, Edinburgh.
8902	Howlett, Thos. Ernest Richard	Kia-Ora, 5, New York Street, Granville, New South Wales.
7591	Hudson, Charles Henry	No. 1, De-la-Pole Villas, The Mental Hospital, Willerby, E. Yorks.
7711	Hughes, Leslie George	241, Green Lane, Clissold Park, N.16.
8933	Hulkes, Ernest Horace	23, Wykeham Avenue, Hornchurch, Essex.
7636	Humphrys, Lionel James	114, Springbank Road, Hither Green, London, S.E.13.
7082	Hunter, Wilfrid E.R.A., R.N.	31, Gladstone Terrace, Washington, Co. Durham.
8603	Hutchinson, Edward N.	39, Percy Terrace, Sunderland.
8622	Hylton, Philip Henry	c/o Siamese Tin Mines, Ltd., Pinyok Mine, Patani, South Siam.
8208	Jack, William	18, Mildred Avenue, Grottan, Oldham.
8903	Japp, William Middleton	197, Bath Street, Glasgow.
8639	Jarvis, Kenneth Leonard Ernest	No. 11, Eleventh Avenue, Inglewood, Western Australia.
8047	Jenkins, Russell Thomas	118, Lyndhurst Gardens, Barking, Essex.
8167	Jenkins, William George	c/o British Linen Bank, Threadneedle Street, London, E.C.
8435	Job, David Morgan	Glen View, Tyrfran, Llanelly.
7498	Jolly, Norman	5, Bellingham Road, Lytham, Lancs.
8811	Jones, Leonard Talbot	"Clevedon", Hillcrest Road, Loughton, Essex.
7225	Jones, William David, Ph.D., B.Eng.	8, Swan Lane, London, E.C.4.
8843	Judd, Reginald Stephen	42, Courtlands Drive, Ewell, Surrey.
7073	Julyan, Roughton John Etheridge	c/o G. Wilson & Co., Ltd., Yachting House, 36, Great Pulteney Street, Piccadilly Circus, W.1.
8252	Kameen, Thomas	"Dunreggan", Westvale, Neston, Cheshire.
8008	Keen, Harry Frederick	14, Burton Road, Kingston-on-Thames, Surrey.
5699	Keig, Robert Joseph Brooks	245, Park Road, Uxbridge, Middlesex.

ASSOCIATES.

NO.	NAME.	ADDRESS.
8333	Kermode, Eric Marsden	35, Haslingden Drive, Toller Lane, Bradford, Yorks.
8436	Kerr, Gilbert Armstrong	78, Wellesley Road, Ilford, Essex.
8640	Kerr, William Langford	109, Northwood Street, West Leederville, Western Australia.
7135	Kerridge, Wm. Webber	111, Eversley Avenue, Barnehurst, Kent.
8150	Kessick, Herbert Sidney	12, Meulo Court, 1611, Davie Street, Vancouver, B.C.
7949	Kidwai, Mohammed Ibrahim	Junior Engineer, B.I.S.N. Co., c/o Mackinnon Mackenzie & Co., Bombay.
7078	Kimber, Herbert George	4, Redvers Road, Chatham, Kent.
3717	King, Newton James	28, Bridge Way, Whitton, Twickenham, Middlesex.
5814	Knott, James T.	15, Culling Road, Rotherhithe, S.E.16.
8884	Kochhar, Triloki Nath Engr. Cadet, R.I.N.	20, St. David's Road, Southsea, Hants.
8130	Kumaran, Karinchet Kunhen	1/565a, Chitoor Road, Ernakulam, India.
8623	Lally, Patrick	7, Southfield Terrace, Whickham, Newcastle-on-Tyne.
6785	Lang, Edward John Samuel	162, Swingate Lane, Plumstead, S.E.18.
8818	Lawrie, Charles	101, Ankerdine Crescent, Shooters Hill, London, S.E.18.
8877	Lawson, George Victor	12, Wellesley Road, Grove Hill, Middlesbrough.
6144	†Leiper, Andrew M.	
8481	Leishman, Henry	"Woodside", Old Polmont, Stirlingshire.
8717	Lewer, Lawrence John Stanley	c/o Mr. F. E. O'Reilly, 64, Priory Road, Hampstead, N.W.6.
8695	Lewis, Philip	164, Hillcrest, East Barnet, Herts.
7367	Lloyd-Jones, Bernard Gerald	"High Barn", Clare Hill, Esher, Surrey.
8696	Logan, Charles Alfred	c/o Port Line Ltd., Cunard House, 88, Leadenhall Street, E.C.3.
8602	Long, William Garland	c/o Messrs. Butterfield & Swire, Hong Kong, China.
8844	Lovatt, Gordon Harold Vernon, R.N.	H.M.S. <i>Caledonia</i> , Rosyth, Scotland.
8653	Lowes, Robert Humble	22, Peel Street, Sunderland.
8241	Lumb, Reginald	"Ash Lea", Holton-le-Clay, nr. Grimsby.
8772	Macintosh, Thos. Bickerton	168, King Street, Aberdeen.
8482	Mackie, John	"Hillcrest", Hillside Road, Billericay.
8828	MacQuarrie, Alexander	302, Dumbarton Road, Glasgow, W.1.
7557	McBain, Kerr Wilfred	Ashbrooke, Ashlawn Road, Rugby.
8175	McClurg, William Alfred	The Square, Crossgar, Belfast.
8641	McCormick, Archibald P.	33, Tynwald Hill, Liverpool, 13.
8107	McCormick, Henry Carmichael	56, Rakau Road, Hataitai, Wellington, N.Z.
7228	McDonald, John	Messrs. Peter Brotherhood, Ltd., Amberley House, Norfolk Street, W.C.2.
7126	McDonald, Robert	"Glencoe", High Heworth Lane, Felling-on-Tyne, Co. Durham.
7802	McEwen, Samuel	No. 1, Bedford Square, W.C.2.
8413	McIntyre, John	Flat 28, Central Fire Station, Manchester.
8934	Maddick, George Arthur	44, Litherland Park, Liverpool, 21.
8277	Mansfield, Herbert Frederick	10, Harlescott Road, Nunhead, S.E.15.
7432	Mark-Bell, William	35, Crossfield Road, Cleator Moor, Cumberland.
8654	Marr, Norman Carse, B.Sc.	"Woolston", East Herrington, Sunderland.
7411	Marsden, Thomas Roy	c/o Air Board, Victoria Barracks, St. Kilda Road, Melbourne, Australia.
6031	Marshall, Edward Thos.	80, Windsor Street, Wolverton, Bucks.

† Address wanted.

ASSOCIATES.

NO.	NAME.	ADDRESS.
8168	Mason, John Cairns	16, Lauriston Place, Edinburgh.
4998	Masson, John A.	16, Ridgeway East, Sidcup, Kent.
8215	Mathews, Sylvester	Board of Trade, 79, Mark Lane, E.C.3.
8812	Mathews, Thomas	17, Ravensworth Terrace, Gateshead-on-Tyne.
6859	Mauchline, James Duncanson	19, Holders Hill Avenue, Hendon, N.W.4.
8242	Maule, Henry Mason	2nd Engr., s.s. <i>Clan Macbrayne</i> , c/o Cayzer, Irvine & Co., 2, St. Mary Axe, E.C.3.
8829	Maundrell, Henry Basil H.	47, De Lisle Road, Winton, Bournemouth.
8243	Mavin, Stanley	16, Mantel Street, Moonee Ponds W.4, Melbourne, Australia.
8244	Maxwell, David	35, Kinloch Street, Carnoustie, Angus, Scotland.
8625	Meadows, Henry T.	39, Hotspur Street, Tynemouth, North Shields, Northumberland.
8904	Mellor, George Moreton	6, South Drive, Chorltonville, Manchester.
7306	Middleditch, Edward Thomas	55, Newcomen Terrace, Redcar, Yorks.
3887	Miller, Hunter Robert	42, Pilrig Street, Edinburgh.
8718	Miller, Thos. Wm.	29, Errol Gardens, Yeading Lane, Hayes, Middlesex.
8878	Mills, Aubrey Frazier	7, Rookfield Close, London, N.10.
8374	Moore, Albert Edward	31, Oak-Tree Gardens, Sundridge Park, Bromley, Kent.
3891	Moran, Robt.	359, Willow Street, Lockport, New York, U.S.A.
7297	Morgan, Victor William	38, Otford Crescent, Crofton Park, S.E.4.
8134	Morris, Frank Gordon	108, Elgar Avenue, Tolworth, Surbiton, Surrey.
7740	Morris, John Joseph	52, Crescent Road, Plumstead, S.E.18.
6477	Moyse, Edwin John	7, King's Road, Gosport, Hants.
8508	Murphy, William	46, Auburn Street, Donegal Pass, Belfast.
7987	Nelson, George	"The Mount", Causey Way, Hexham, Northumberland.
8676	Newall, Robert	"Ossian", Beech Avenue, Burnbrae, Bearsden, Dumbartonshire.
8437	Newhouse, Geoffrey	5, Havelock Terrace, Kowloon Dry Docks, Hong Kong, China.
8813	Nicholson, Gordon Stanley	41, Clarendon Road, Ealing, London, W.5.
8189	Norris, John Bernard	c/o Huilever S.A., Division H.C.B., Flandria, près de Coquilhatville, Province Equatoriale, Congo Belge, Central Africa.
8560	Ogilvie, Stanley Thomas	"Glen Wood", 19, Hodder Drive, Perivale Park, Greenford, Middlesex.
7784	Oliver, Frederick Wm.	158, Clockhouse Road, Beckenham, Kent.
6731	Oliver, James Lawrance	34, Keswick Road, Heaton Chapel, Stockton, Cheshire.
6243	Orren, Robert Napier Major, R.A.O.C.	Stack House, Walton Park, Walton-on-Thames, Surrey.
6650	Overy, Aubrey S.	52, Fladgate Road, Leytonstone, E.11.
5942	Packer, Laurence Ambrose	60, Knole Road, Dartford, Kent.
8773	Pain, Berville Ernest	c/o Major H. B. Pain, Riverdale Cottage, River, Dover.
4171	Palmer, William Alfred	47, Rouel Road, Bermondsey, S.E.16.
8335	Parker, Frederick Stephen	"Fawnbrake House", Roman Road, Guston, Dover.
8607	Parnaby, Christopher J.	28, Woodlands Drive, Loughborough.
8442	Paterson, David James	c/o Wilson, 75, Titchfield Road, Troon.
8561	Paterson, David Wood	c/o Mackinnon Mackenzie & Co., 16, Strand Road, Calcutta, India.
7001	Paxton, Andrew	Brooke Bond India Ltd., 3, Hide Road, Kidderpore, Calcutta.
6043	Pearson, James D., B.Sc., Wh.Sc.	The Design Office, Rolls-Royce, Ltd., Derby.
3542	Peckham, R. A.	Resident Engineer, Barnwood House, Gloucester.
8209	Pemberton, Eric	"Ivy Lea", Halton Brook, Runcorn.

ASSOCIATES.

NO.	NAME.	ADDRESS.
7599	Perry, Sydney Harry	25, Edna Road, West Wimbledon, S.W.20.
8393	Petch, Kenneth Charles	20, Dairsie Road, Eltham Park, London, S.E.9.
7681	Phillips, Alfred Stanley	42, Trinity Square, E.C.3.
7785	Pierce, John Stanley	22, Green Lane, Wallasey, Cheshire.
7708	Pillatt, Andrew McWilliam	"School House", Chapel Street, Hazel Grove, Cheshire.
7887	Pinkney, Renny Bourdas	"Ravensmead", Temple Gardens, Moor Park, Rickmansworth, Herts.
8537	Pitt, Robert Walter	26, Essex Gardens, Gateshead-on-Tyne, 9.
7152	†Polland, John Barclay	
8169	Poole, Stanley Alfred	17, Haryon Way, Epsom, Surrey.
6886	Potts, Ralph Davison	34, Glenhouse Road, Eltham, S.E.9.
8850	Preshaw, Robt. Alexr.	43, St. Mary Axe, London, E.C.3.
8624	Preston, John James	Association of Engineers, Singapore.
8509	Price, David	Bourne Institution, Bourne, Lincs.
8879	Price, Rees Whitney	11, Redbrook Road, Newport, Monmouthshire.
8774	Prichard, Gordon Frank	131, Laburnum Grove, North End, Portsmouth.
8562	Pryde, James Stretton	2nd Engr., M.v. <i>Phasianelle</i> , c/o The Asiatic Petroleum Co. (S.S.) Ltd., Shell House, Singapore, S.S.
8188	Purkayastha, Promode Behari	Inspector of Boilers, Shillong, Assam, India.
7154	Purvis, Edward	Devon, New School Road, Histon, Cambs.
5061	Rankin, Archibald Malcolm	District Operating Superintendent, Lumding, Assam.
8905	Rankin, Douglas James	88, Argyle Road, North Harrow, Middlesex.
8092	Ray, William Frederick	c/o Hoare & Co. (Engineers), Ltd., Colombo.
8211	Reader, Robert William, A.C.G.I., Wh.Sc.	6, King's Avenue, Rochester, Kent.
8539	Reed, Robert Charles Heartley Lt. (E.), R.N.R.	36, Mulgrave Street, Liverpool, 8.
8846	Reynolds, Louis John Victor	1, Welbeck Avenue, Highfield, Southampton.
8282	Richardson, David	The Indo-Burma Petroleum Co., Seikkyi Refinery, c/o Messrs. Steel Bros., Box 1059, Rangoon, Burma.
8465	Rischmiller, Charles A.	139, Middleton's Lane, Upper Hellesdon, Norwich, Norfolk.
6554	Robinson, Albert Eric	28, Evelyn Avenue, Newhaven, Sussex.
8563	Robinson, John George	"Alwinton", Hazelmere Road, Petts Wood, Kent.
6522	Robson, Theodore Burdess	22, Hylda Court, St. Albans Road, London, N.W.5.
8847	Rogers, John Lakin Engr. Lieut., R.I.N.	c/o Navy Office, Bombay.
8190	Ross, Donald Fisher	7, Airmyn Avenue, Boothferry Road, Hull.
6525	Roy, Archibald	37, Windsor Street, Barrow-in-Furness.
8377	Saffin, Horace Ernest George	5, Kendal Way, Milton Road, Cardiff.
8484	Sage, Arthur Leonard	11, Abbey Close, Monkseaton, Northumberland.
6194	Saltrese, George	1, Philbeach Road, Liverpool, 4.
6746	Sanderson, John George	c/o Royal Bank of Scotland, Princes Street, Port Glasgow.
7200	Sass, Carl William	25, Topsham Road, Upper Tooting, S.W.17.
8278	Scaife, Allen Adamson Engr. Lieut., R.I.N.	c/o Indian Naval Office, Bombay, India.
8538	Scaife, Roy	30, Park View, Cheadle Heath, Stockport, Cheshire.
8906	Sclater, David Alexander	38, Queen Victoria Drive, Scotstoun, Glasgow, W.4.
8775	Scott-Young, Brian	3, Lombard Street, Manly, Sydney, Australia.
8646	Seager, Noel Leslie	School House, Frensham, Farnham, Surrey.

† Address wanted.

ASSOCIATES.

NO.	NAME.	ADDRESS.
8935	Searles, Herbert Samuel	109, Bromley Road, Shortlands, Kent.
6513	Sexstone, Albert B. R.	45, Hazelbank Road, Catford, S.E.6.
8305	Sharpe, Douglas Errington	41, Doone Road, Horfield, Bristol.
8172	Shelly, Ivor W.	Lion Lodge, Breamore, Hampshire.
7727	‡Shoosmith, Guy Taite	2, Hollington Court, Chislehurst, Kent.
7047	Shoring, Albert John Thomas, Warr. Eng., R.N.	H.M.S. <i>Achilles</i> , c/o G.P.O., Auckland, New Zealand.
7824	Shrubsall, Horace Percy	73, Beaconsfield Road, Blackheath, S.E.3.
7825	Simpson, John Henderson, B.Sc.	P.O. Box 1211, Johannesburg, South Africa.
6123	Simpson, Peter A. M. Lieut., R.E. (I.R.E.M.)	c/o Chief Engineer, Hong Kong.
8697	Slater, Eric Ronald	6, Madeira Place, Leith, Edinburgh, 6.
8515	Smith, Clifford William	3, Dean Road, Watling Street, Strood, Kent.
8279	Smith, George Ferguson	1, Hawkhead Crescent, Liberton, Edinburgh.
6751	Smith, Herbert George	18, Oulton Crescent, Barking, Essex.
4959	Smith, John Stewart	65, Grane Road, West Hartlepool.
8337	Smith, William	7, Richmond Avenue, Highams Park, Chingford, E.4.
7303	Smoquina, Carlo	67, Hillfield Drive, Heswall, Cheshire.
8618	Snowdon, John Walter, B.Sc.	40, Granada Road, Southsea, Portsmouth, Hants.
8191	Sommerville, Alexander Angus	Engineer, C.S.R. Sugar Mill, Rarawai, Fiji.
8005	Sood, Braham Swarup	S.s. <i>Varsova</i> , c/o Messrs. Mackinnon, Mackenzie & Co., Bombay.
6740	Spearpoint, Harrie T.	166, Tressillian Road, Brockley, S.E.4.
8845	Spriggs, Harold Graham Lieut. (E.), R.N.	Adams Cottage, Liphook, Hants.
8757	Stapylton, Thos. Herbert	Bungalow 55, c/o Anglo-Iranian Oil Co., Ltd., Abadan, S. Iran.
8758	Steele, Gordon	Assistant Engineer, c/o Anglo-Iranian Oil Co., Masjid-i-Suleiman, Iran.
8245	Stewart, David Alexander	19, Argyle Street, Rothesay, Bute.
8338	Stewart, John Aílan	c/o Butterfield & Swire, Hong Kong.
6860	Stirling, Patrick Graham	Pigott Electrical Co., Ltd., Salisbury Square House (Dorset Street entrance), E.C.4.
8830	Stubbs, Bert.	45, Bells Road, Gorleston, Great Yarmouth.
8417	Studd, William James Owen, Capt.	Scocles Court, Minster, Isle-of-Sheppey, Kent.
6687	Sundercombe, John Charles Robert, B. E.	5, William Street, North Brighton, S.5, Victoria, Australia.
8907	Sutherland, James Leask	11, Summerside Street Edinburgh, 6.
7631	Swan, Frank Douglas	82, Dorset Avenue, Romford, Essex.
8246	Tabbitt, Cyril Oliver	Hill Cottage, Water Newton, Peterborough.
3973	†Taylor, Stanley F.	
8192	Thain, Alexander	77, Palmeira Road, Bexley Heath, Kent.
8659	Thomas, G. Hunt	11, Park View, Port Talbot, Glam.
8788	Thompson, Douglas Blacow	56 Aynam Road, Kendal, Westmorland.
8656	Thompson, Herbert George	China Navigation Co., c/o Butterfield & Swire, Hong Kong.
6472	Thompson, Wilfred	69, Eastward Green, West Monkseaton, Northumberland.
8908	Thomson, Charles William	"The Anchorage", 199, Pear Tree Avenue, Bitterne, Southampton.
8511	Timmis, George Hadden	133, High Street, Haslington, nr. Crewe.
4339	Tonks, T. E. C.	29, Grosvenor Avenue, Great Crosby, Lancs.

‡ Denny Gold Medallist, 1937.

† Address wanted.

ASSOCIATES.

NO.	NAME.	ADDRESS.
8848	Train, Joseph Thomas	283, Cleethorpe Road, Grimsby, Lincs.
7674	Tucker, John Francis Lieut. (E.), R.N.	148, Elm Grove, Southsea, Hants.
8814	Tulip, John Brynley	245, Victoria Road West, Hebburn, Co. Durham.
8154	Upton, William	9, Ingle Road, Chatham, Kent.
8719	Van Halle, Geo. Gustave	124, Rue Belle Rade, Malo-les-Bains, Nord, France.
6201	Verity, Claude Henry, B.Eng.	73, Great Thrift, Petts Wood, Orpington, Kent.
8378	Vigar, Walter George	62, Doncaster Road, Eastleigh, Hants.
7661	Vincent, John Vernon	7, Marine Crescent, Falmouth.
8451	Volke, Eric Christian John	85, Mornington Road, Wanstead, London, E.11.
6667	Wainwright, Lionel Herbert R.	60, Durley Road, Stamford Hill, N.16.
8759	Waite, Harry	56, Hotham Road, Cottingham Road, Hull.
8776	Walker, John	c/o Anglo-Saxon Petroleum Co., Ltd., Great St. Helen's, London, E.C.3.
8247	Walley, Leslie George E.R.A., R.N.	H.M.S. <i>Woolwich</i> , c/o G.P.O., London.
8306	Wallis, William Richard	21, Hollycroft Road, Higher Compton, Plymouth, Devon.
8512	Warren, William Walter	27, Central Park Road, East Ham, E.6.
6019	Webb, Jack Wilson	134, Tower Street, Brightlingsea, Essex.
8831	Webster, David George	4, Holly Drive, Maidenhead.
7888	Welborn, Thomas	United Engineers, Ltd. (Marine Department), Singapore.
7680	Wethered, Vernon Dingwall, B.Sc.	2, Kidderpore Gardens, Hampstead, N.W.3.
7372	White, Togo Owen	"Daisycroft", 294, Fulham Palace Road, S.W.6.
7709	White, William Frederick	2, Village High Road, Vacluse, Sydney, Australia.
8642	Whyte, Patrick Flower	Harbour Engineers' Dept., Colombo Port Commission, Colombo.
6408	Wilcox, Harry	"Oakside", Eagle Lane, Snaresbrook, E.11.
8720	Williams, Richard Norman	8, Green Way, Eltham, S.E.9.
8280	Williams, Stanley Setttee	39, St. George's Crescent, Drummoyne, Sydney, Australia.
5909	Williams, W. G.	"Hollycroft", Heronsgate, Chorley Wood, Herts.
8513	Williamson, Henry C.	China Navigation Co., Ltd., c/o Messrs. Butterfield & Swire, Hong Kong.
5930	Wilson, Henry	c/o 45, Spencer Avenue, Coventry.
5927	Wilson, John	3, Royal Park Terrace, Edinburgh.
8468	Wilson, Robert Cecil	"Jesmond Cottage", West Meadows Road, Cleadon, Sunderland.
8193	Winhall, Edwin Kenneth	45, Tresawls Road, Truro, Cornwall.
8721	Winning, Jas.	85, Merton Drive, Hillington, Glasgow.
8657	Witty, Richard Edward	46, Albany Street, Hull, E. Yorks.
6579	Wood, George A.	6, Taylor Gardens, Leith, Scotland.
8210	Wood, Robert	57, Torkington Road, Gatley, Cheshire.
8604	Woodward, Robert	6, New Covenant Place, Rochester, Kent.
8698	Wright, Bernard Henry	"Brihstone", 22, Corington Street, Loughborough, Leicestershire.
8379	Wright, William	46a, Avondale Avenue, East Barnet, Herts.
8815	Young, John Stanley	Association of Engineers, Singapore, S.S.

STUDENTS.

NO.	NAME.	ADDRESS.
7668	Abraham, Gordon William	3, Polwhaveral Terrace, Falmouth.
8735	Armstrong, Victor Stanley	18, Roseworth Avenue, Gosforth, Newcastle-on-Tyne, 3.
8308	Bannister, Victor Ernest Beecher	121, Hesperus Crescent, Millwall, London, E.14.
8353	Barton, Edward Fred	7, Madeira Road, Leytonstone, E.11.
8722	Bedwell, Arthur	52, Walham Grove, Fulham, London, S.W.6.
7937	Bennett, John Charles	"Praze House", Penryn, Cornwall.
7938	Berry, Theodore	9, Kayll Road, Millfield, Sunderland.
8608	Bowley, Leslie George	26, Church Road, Dover, Kent.
8723	Boxall, Roland John	181, Sutton Common Road, Sutton, Surrey.
7647	Brett, Reginald Sidney	47, Cranley Mews, S.W.7.
8724	Brown, Ronald Chas.	125, Wellesley Road, Buckhaven, Fife.
8725	Brownless, Christopher Robt.	134, Ridgewood Crescent, S. Gosforth, Newcastle.
8249	Burn, Thomas Gibson Patton	"Highfield", Shorestone Avenue, Cullercoats, Northumberland.
7731	Butler, Austin Frederick	111, Alpha Road, Millwall, Poplar, E.14.
8004	Butler, Leonard F.	111, Alpha Road, Millwall, Poplar, E.14.
7974	Carson, George H., B.Sc.	Seafeld, Portwilliam, Wigtownshire.
8565	Collacott, Ralph A.	235, City Way, Rochester, Kent.
8832	Collin, John	48, Laurel Street, Wallsend-on-Tyne, Northumberland.
8439	Cook, Sydney	45, Patterdale Road, Spring Bank W., Hull.
8760	Coombs, Douglas Evan Arthur	37, Eaton Road, Dover, Kent.
8740	Cornwall, Edward	Rose Bank, Mawnan, Falmouth.
8488	Dickerson, Thomas	47, Somerton Park, Antrim Road, Belfast.
8679	Duncan, Ernest H.	24, Mansted Gardens, Chadwell Heath, Essex.
7642	Dunne, John Richard	74, Ufton Road, Hackney, N.1.
8250	Everard, Frederick Alfred	Accuba House, Greenhithe, Kent.
7648	Fairgrieve, Joseph Edward	3, Buxton Street, Leicester.
7626	†Fletcher, John	
6813	Gill, Ernest Reginald	22, Sparsholt Road, Barking, Essex.
8283	Gill, Louis	Ashbrooke Ground, Sunderland.
8115	Givens, Wallace	M.v. <i>Eastern Prince</i> , Pier 4, Bush Docks, Brooklyn, New York, U.S.A.
8309	Goodwin, Charles Raymond	M.v. <i>Chinese Prince</i> , c/o Harper Gilfillan & Co., Singapore, S.S.
7939	Gosling, Sydney Christopher	Tregedna Cottages, Budock, Falmouth.
8726	Grimmett, John Colville	10, Victoria Gardens, Shrewsbury Road, Birkenhead.
7627	Hamilton-Smith, Percival Alec	c/o Anglo-Iranian Oil Co., Ltd., Shirah, Iran.
7940	Hamilton, John	53, Ferguson Avenue, Renfrew, Scotland.
7942	Heys, Edmund	"Min-y-Don", Pensby Road, Thingwall, Birkenhead.
7943	Hicks, Ronald James S.	Higher Bissoe, Truro, Cornwall.
7382	Hicks, Walter James	45, Rosemary Avenue, Finchley, London, N.3.
8251	Jarvis, Sidney John	270, Cranbrook Road, Ilford, Essex.
8729	Johns, Ivor John	4, Trelawney Place, Penryn, Cornwall.
7628	†Jones, George William	

† Address wanted.

STUDENTS.

NO.	NAME.	ADDRESS.
8727	Kasthuri, Santhanam	No. 11, 208 E. Ganesh Baug, Matunga, Bombay.
8380	Katre, Wamam Kashinath	c/o Dr. V. L. Agashe, Bhawani Peth, Satara City, India.
7309	McCarlie, Jas. Roland	Grantham Road, Bingham, Notts.
7659	McPherson, Joseph	Jnr. Engr., M.s. <i>Eastern Prince</i> , c/o Messrs. Furness, Withy & Co., Port-of-Spain, Trinidad, B.W.I.
8790	Magill, Ronald	225, Orby Drive, Belfast.
8260	Mears, Wesley Grundle	E.R.A.'s Mess, H.M.S. <i>Warspite</i> , c/o G.P.O., London.
8011	Moore, Frank George	162, Elmbridge Avenue, Berrylands, Surrey.
8779	Moore, John Winton	138, Bede Burn Road, Jarrow, Co. Durham.
8195	Newberry, Henry Charles	237, Ramsay Road, Forest Gate, E.7.
6383	Noble, Cecil Robert B.Sc. (Hons.)	82, Willington Terrace, Willington-on-Tyne.
8817	Otterburn, Thos. Victor	5, Ravensworth Street, Sunderland, Co. Durham.
8257	Oxton, Donald Thomas	"Blenheim", Blackheath, Colchester, Essex.
8730	Pearce, Ronald Hugh	4, New Street, Falmouth, Cornwall.
7316	Pescod, Richard Joell	29, Links Avenue, Whitley Bay, Northumberland.
6415†‡	Platt, John M.	
8253	Plowden, Edmund Francis John	Muirholm, Cardross, N.B.
8256	Quintrell, Jack Holbrook	1, Garland Place, Helston Road, Penryn, Cornwall.
8487	Rawling, Charles Lloyd	c/o British Tanker Co., Ltd., Britannic House, Finsbury Circus, London, E.C.2.
8731	Rees, Cyril Lloyd	Floradale, Flushing, Cornwall.
8542	Rees, William Bertram	Floradale, Flushing, Falmouth.
7630	Reid, Alan Stanley	95, Warren Road, Leyton, E.10.
6695	†Row, Robert J. E.	
7646	Rutledge, Henry Nichols	7, Warton Terrace, Heaton, Newcastle-on-Tyne.
8728	Shrubsole, Paul Patrick	131, Botanic Road, Liverpool, 7.
8739	Simmonds, Maurice	c/o Association of Engineers, Raffles Quay, Singapore, S.S.
8486	Smith, John Andrew	Imperial College Hostel, Prince Consort Road, S. Kensington, London, S.W.7.
8116	Spanner, William Frank Cons. Lieut., R.N.	Royal Naval College, Greenwich, S.E.10.
7637	Stonely, Donald Robert	14, Greenview Avenue, Monks Orchard, Croydon.
7632	Taylor, Gordon Engr. Sub-Lieut., R.I.N.	H.M.I.S. <i>Cornwallis</i> , c/o Navy Office, Bombay.
6580	†Tomkins, Chas. Richard	
8732	Tonkin, Bertram Couch	17a, Swanpool Street, Falmouth.
8485	Warner, Stanley C.	"Pentusker", 112, Gloucester Road North, Filton, Bristol.
8254	Watson, Ernest	9, Denorrtion Park, Belfast.
7386	Watson, Robert Hood	No. 1, Otterburn Avenue, Gosforth, Newcastle-on-Tyne, 3.
8733	White, Austin Wm. Frederick	10, Berkeley Mill, Falmouth.
7984	Wight, Robert Burton	"Newlands", The Mount, Fetcham, Leatherhead, Surrey.
8518	Willis, Thomas John	22, Union Place, Truro, Cornwall.
8737	Wilson, Alan Foster	30, Rosewood Crescent, Walkerville, Newcastle-on-Tyne, 6.
8093	Winton, David Archie, B.Sc.	16, Gate Street, Kingsway, W.C.2.

‡ Junior Silver Medallist, 1933.

† Address wanted.

