

## Roll of Honour of the Merchant Navy and Fishing Fleets for the 1939/45 War

On Monday, 2nd February 1959, the Minister of Transport and Civil Aviation, The Right Honourable Harold Watkinson, M.P., together with Sir Gilmour Jenkins, K.C.B., K.B.E., M.C., Permanent Secretary to the Ministry of Transport and Civil Aviation and Past President, and Mr. P. Faulkner, C.B., a Deputy Secretary, attended a meeting in the Memorial Building for the presentation to the Institute of the Roll of Honour of the Merchant Navy and Fishing Fleets for the 1939/45 War.

The President, Mr. E. L. Denny, B.Sc., opened the proceedings by welcoming the Minister. In presenting the three volumes comprising the Roll of Honour, Mr. Watkinson said that it was very fitting that the presentation should be made in the beautiful new building which, he understood, was in itself a memorial to the marine engineers who died during the War. Mr. Watkinson then read an extract from the Foreword to the first volume of the Roll of Honour, which says:

"This Roll of Honour records the names of more than 33,000 merchant seamen and fishermen who lost their lives while serving in British Merchant ships or fishing vessels or in foreign ships chartered by the Government of the United Kingdom in the world war of 1939/45.

"This bare statement of fact conceals an epic of sustained

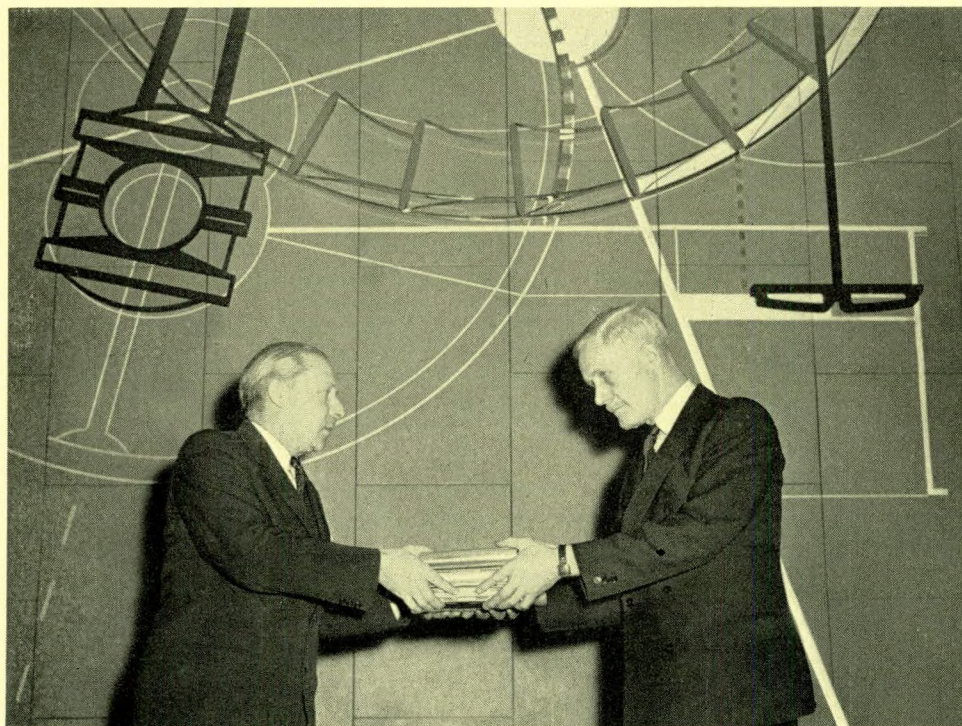
heroism unsurpassed in the annals of war. At no time were there more than 200,000 officers and ratings serving in these ships: yet the dead numbered over 33,000. In no other field of war did so high a proportion of those engaged lose their lives. This is the measure of a sacrifice which has laid our country

and the whole British Commonwealth and its allies in their debt for ever.

"They were civilians without the support of military discipline and training, yet they faced mortal danger in the service of others, and they did not waver. Never, even in the darkest days, was there any lack of willing hands to man the ships however hazardous the voyage, though the seamen knew, often from bitter experience, the horrors which followed enemy attack at sea. They took the troops to the scene of battle and sustained them while they fought. They

carried the food without which whole populations would have perished and the supplies without which the needs of the fighting forces and the civilian economy which nourished them could not have been met. They made victory possible . . ."

Mr. Watkinson, in conclusion, said that all, and particularly those who served alongside those in the Merchant Navy, would never forget the gallantry of these men. It was with a sense of honour that he presented these volumes to the Institute for safekeeping.



*The Right Honourable Harold Watkinson, M.P., handing the three volumes which comprise the Roll of Honour to the President, Mr. E. L. Denny, B.Sc.*



## INSTITUTE ACTIVITIES

### Minutes of Proceedings of the Ordinary Meeting Held at The Memorial Building on Tuesday, 9th December 1958

An Ordinary Meeting was held by the Institute on Tuesday, 9th December 1958 at 5.30 p.m., when a paper entitled "Welding in Marine Engineering" by J. A. Dorrat, A.H.-W.C., was presented and discussed. Mr. R. Munton, B.Sc. (Chairman of Council) was in the Chair and sixty-two members and visitors were present. There were four contributions to the discussion.

A vote of thanks to the author, proposed by the Chairman, was accorded by acclamation. The meeting ended at 7.25 p.m.

### Minutes of the Meeting of the Joint Panel on Nuclear Marine Propulsion Held at The Memorial Building on Tuesday, 3rd March 1959

A meeting of the Joint Panel on Nuclear Marine Propulsion was held at The Memorial Building on Tuesday, 3rd March 1959 at 5.30 p.m., when a paper entitled "Some Metallurgical Features of Nuclear Reactors" by H. M. Finnieston, B.Sc., Ph.D., A.R.T.C., F.I.M., was presented and discussed. Sir Victor Shephard, K.C.B., R.C.N.C. (Vice-Chairman of Council and Vice-President, I.N.A.) was in the Chair, and seventy members and visitors were present. Seven speakers took part in the discussion which followed.

A vote of thanks to the author, proposed by the Chairman, was accorded by acclamation.

The meeting ended at 7.0 p.m.

### Section Meetings

#### Kingston upon Hull

##### General Meeting

On Thursday, 15th December 1958, Mr. Bryan Taylor, B.Sc.(Eng.) (Member) presented a paper entitled "The Holmes-Werkspoor Engine: Building, Testing and in Service" to an audience of 114 in the Royal Station Hotel, Kingston upon Hull.

The author covered an immense amount of material in the time available and his lecture was well illustrated by excellent colour slides. He gave a good general description of the engine and then a carefully detailed account of the numerous mechanisms.

The Chairman, Mr. J. G. Charlton, presided over the discussion which followed. The vote of thanks was proposed by Mr. T. M. Green of Leeds and seconded by Mr. H. F. Hesketh.

##### Annual Junior Lecture

On 19th February 1959 the Section held their Annual Junior Lecture and Prize Presentation at the College of Technology, Kingston upon Hull. The Principal of the College, Mr. Emlyn Jones, M.Sc., F.R.I.C., attended the meeting. In the absence of Mr. F. C. M. Heath (Vice-President) due to illness, Mr. H. F. Hesketh (Chairman) presented the Institute's prizes to L. Acaster and C. B. Plater (Student), the best students respectively in the first and second year courses for the Ordinary National Diploma in Marine Engineering; and to K. Ford, the best student in Heat Engines and Thermodynamics in the Higher National Certificate course in Mechanical Engineering.

Mr. H. C. Gibson's lecture, "The Junior Engineer's First Trip to Sea", was presented at very short notice, due to the

indisposition of the author, by Mr. R. Palmer. He described in detail what is expected of an engineer in his first days at sea. The audience of sixty-five marine engineering students were given a very clear insight into the duties they will be expected to undertake when they start this new stage in their careers.

A vote of thanks to the lecturer was proposed by Mr. C. H. Petrie (Student) and seconded by Mr. G. W. Hotson.

#### Merseyside and North Western

On Tuesday, 24th February 1959 at 3.45 p.m., the President, Mr. E. L. Denny, B.Sc., presented a parchment to Mr. S. D. Casebourne in recognition of his fifty years' membership of the Institute. The ceremony was held in the rooms of Lloyd's Register of Shipping in Liverpool and was attended by the following Committee members: Messrs. T. McLaren, B.Sc. (Vice-President), J. L. Snowdon (Chairman), R. F. Capey, W. H. Falconer, T. Kameen, G. Keenan, J. E. Shields and J. A. Smith, D.S.C., B.Sc.

Mr. Snowdon introduced the President to the members of Committee and Mr. Denny then handed over the certificate of Honorary Life Membership to Mr. Casebourne; expressing the hope that he would continue in good health for many years to come. Mr. Casebourne, replying, said that during his fifty years of active membership of the Institute he had seen marine machinery develop from the very simple compound engine and Scotch boiler through the Diesel engine, steam turbine, gas turbine, to nuclear propulsion, and that the one thing which had enabled him to keep abreast of all these developments was his membership of the Institute.

#### Scottish

##### "The Care and Maintenance of Watertube Boilers and Ancillary Equipment"

The Annual General Meeting was held on the 11th February 1959 at the Institution of Engineers and Shipbuilders in Scotland, Glasgow, and this was followed by a paper entitled "The Care and Maintenance of Watertube Boilers and Ancillary Equipment" by W. R. Harvey (Member of Council).

The audience of ninety-five members and visitors showed great interest in this paper. A stimulating discussion followed in which Mr. Harvey dealt ably with the many queries raised.

The meeting was presided over by Mr. John Robson, M.B.E., and it terminated at 9.35 p.m. after a vote of thanks to the author for his instructive paper had been aptly proposed by Mr. J. Rorke (Member of Committee).

##### Annual Dinner

The Fifth Annual Dinner was held in the Central Hotel, Glasgow, on Friday, 20th February 1959. Mr. John Robson, M.B.E., presided and there were 375 members and guests present.

The toast to "The Institute of Marine Engineers in Scotland" was aptly proposed by Admiral Sir Angus Cunninghame-Graham, K.C.B., C.B., and was replied to in a very enjoyable manner by the President, Mr. E. L. Denny, B.Sc.

Mr. James Gilchrist (Vice-President, Glasgow) and Mr. A. G. McCrae, the shipowners' representative, respectively pro-



## Institute Activities

posed and replied very suitably to the toast of "Our Guests".

The top table party consisted of representatives from local shipowners, shipbuilders, the Admiralty, survey societies, and sister institutions. Mr. R. Munton, B.Sc. (Chairman of Council), Mr. Stewart Hogg, O.B.E. (Member of Council) and Mr. J. Stuart Robinson, M.A. (Secretary), were also present from London Headquarters.

The guests were formally received by the Chairman and the President at a reception prior to the Dinner; and the Dinner was followed by a *Conversazione*.

### South Wales

On Friday, 20th February 1959 at 7.0 p.m., Mr. W. R. Wootton presented a paper entitled "Nuclear Steam Propulsion for Merchant Ships" at a meeting of the South Wales Section in the lecture hall of the South Wales Institute of Engineers, Cardiff.

The paper was well received by an appreciative audience of forty-one members and visitors. A lively discussion followed, during which the author dealt with many questions.

The speaker was introduced by Mr. J. E. Church (Chairman). Mr. P. D. Thomas (Member of Committee) proposed a vote of thanks to Mr. Wootton, which was seconded by Mr. David Skae (Vice-President).

The meeting terminated at 9.15 p.m.

### West Midlands

At a meeting of the West Midlands Section held at the Birmingham Exchange and Engineering Centre on Thursday, 19th February 1959, an illustrated paper entitled "Marine Machinery Breakdowns" was presented. Mr. L. D. Trenchard (Chairman) was in the Chair. The author, Mr. J. H. Milton (Member), who was to have presented the paper, was unfortunately prevented from attending the meeting due to severe fog conditions, and at short notice Mr. J. C. Harrison very kindly travelled from London to read the paper. The weather conditions in Birmingham were equally poor and the nineteen members and visitors who found their way through the dense fog deserved the highest praise for their support.

The paper, which was entirely of a descriptive nature, illustrated the problems which confront surveyors and superintendents when serious defects, necessitating the delay of a vessel, are brought to light during a survey. The breakdowns described, which ranged from boilers to propellers, included crankshafts, turbine rotors, reduction gears and main shafting. Some of the breakdowns were of such a severe nature that the successful repairs carried out did credit to the marine industry. Although welding was used in several of the repairs the author strongly emphasized that when applied incorrectly welding could result in major failures.

The discussion which followed gave some of the eight members who took part a chance to describe unusual breakdowns which they personally had experienced.

The Chairman thanked Mr. Harrison for the presentation of an excellent paper and the meeting closed at 9.0 p.m.

### Student Section

A meeting of the Student Section was held at The Memorial Building, 76 Mark Lane, London, E.C.3, on Monday, 2nd March 1959 at 6.30 p.m., when, owing to the illness of the arranged lecturer, the following programme of films was shown: "The Gas Turbine Goes to Sea"; "Forward a Century"; "The Cornish Engine"; and "Fire at Dukhan".

Forty members and visitors were present and the meeting ended at 8.10 p.m.

### Election of Members

*Elected on 16th March 1959*

#### MEMBERS

Albert Edward Baker  
George Kydd Ferguson Black  
Ary Bos

Henry James Bucknell  
George Coombe  
John Douglas Duff  
Carlos Alberto Leitao Fontes Ferreira, Admiral  
John Hunter  
Abdulla Khan, Lieut.Cdr., P.N.  
John Anthony Noel Malim, Cdr., R.N.(ret.)  
George McConnell  
John McNaught  
John Harry Francis Miller  
Tom Pickett  
Leslie Walter Read, Lieut.Cdr., R.N.  
John Douglass Sampson, M.A.(Cantab.)  
Charles Alfred Santwyk  
Stewart Speed  
Frederick Sydney Thomas  
Thomas Frederick Thompson  
Willem Tuinebreyer  
Russell Randolph Waesche, Capt., U.S.C.G.

#### ASSOCIATE MEMBERS

Dudley Bernard Abraham  
Mohammed Siddeeq Adal  
Andrew Arnott  
Donald Clyde Bootle  
Edward John Bound  
John Bridge  
Edward Robert Chapman, Lieut.Cdr., R.N.  
Bernard Marshall Cunningham  
Charles Francis De Lima  
Israel Girshtein  
John Trevor Gledhill, B.Sc.(Elec.Eng.), Leeds.  
Geoffrey Harrison  
Edward John Harvey  
Thomas Wilfred Hindle  
Robert Hodgson  
Curt Hollender  
Charles Albert Hook  
Gordon Charles Inglis  
Satya Prakash Kapoor  
Rajindar Kumar Kapoor  
James Kelly  
Douglas Alexander Law  
John McNeill  
Brian John Lewis Morris  
Lalgudi Venketaramaiyer Naraynaswamy  
Jayvant Nanabhai Pathare  
William Reid  
Silas Ridley  
Shashi Rosha  
Michael Renato Giovanni Ross  
Yochanan Sachs  
David Leslie Saunders-Davies, B.A.(Cantab.)  
Walter Shaw  
Denis Shipley  
Arthur Southern  
J. Franz Steiger  
James Alexander Stewart  
John Strathdee Storie  
Albert William Westwood  
Leslie White  
John Yates

#### ASSOCIATES

Mian Mohd Aqil  
Robert John Besanko  
Kenneth Davies  
James Ridgway King  
Albert Frank White

#### GRADUATES

Sten Bengtson  
Brian Caseley  
Jasvir Singh Dhillon



## *Institute Activities*

Peter Edlington  
Renato Faresi  
Malcolm Muir Fraser  
James McDade  
Michael Hall Mellor  
Geoffrey Mitchell  
Alexander Redpath Pattie  
Brian Ashton Plummer  
Martin Richard Quirk, B.Sc.(Eng.), London  
Gerald Frank Samuels  
Uday Shanker Sharma  
Ronald Henry Shaw  
Stanley Albert James Smith  
David Woodcock Spence

### STUDENTS

David George Barlow  
Antony William Burton  
Eric Cockerill  
John Henry Davies  
Anthony Christopher Dyde  
Mirza Nazir Hossain  
David James Kingston  
Richard Geoffrey Low  
Brian Terrence Moore  
John Philip Parkin  
William Brian Parsons  
Alv Karl Redse  
John Ellis Riley  
Gwilym David Williams

### PROBATIONER STUDENTS

David William Auckland  
James Sydney Barling  
Michael William Butson  
Alexander John Costello  
David Davenport  
Norman Davies  
Allan Jeffrey Dovey  
Nathaniel C. Ekere  
Martin Lanfear  
Gordon Forbes Lawrence  
Terence John McKenna  
Joseph Ripley  
Malcolm Robert Robertson  
Peter Michael Sweet  
William Robert John Webb  
John Watson Whiting  
William Edward John Wood  
Roy Kenneth Young

### TRANSFER FROM ASSOCIATE MEMBER TO MEMBER

Frederick George Burn  
William Mitchell Maguire  
John Lloyd Morris

Sidney Reay

### TRANSFER FROM ASSOCIATE TO MEMBER

Harry Rees Bates  
Erling Sidney Berntzen  
Konstantin Herlofson, Cdr.(E), R.Nor.N.  
Robert Morrison Hogg  
Jack Russell

### TRANSFER FROM ASSOCIATE TO ASSOCIATE MEMBER

Richard Dennis Bolitho  
Kenneth Alfred Moody Goodyear  
John Henry Bartlett Gudge  
Charles Norman Keeble  
Vivian Jacob Meyer Solomon  
Joseph Edet Akinwale Wey

### TRANSFER FROM GRADUATE TO ASSOCIATE MEMBER

Marcus Holmes Rainsford Brockman  
Douglas Brown  
Derek Ernest Herbert Cockerton  
Joseph Whitfield Collins  
George William Downs  
Brian James Goodman  
Ian David Hay  
Malcolm Hugh Needham  
Michael Francis House Singer  
Richard Smith

### TRANSFER FROM STUDENT TO ASSOCIATE MEMBER

William Derek Arnold

### TRANSFER FROM STUDENT TO GRADUATE

David Richard Cusdin  
Derek George Orchard  
Brian Denton Rolls

### TRANSFER FROM PROBATIONER STUDENT TO GRADUATE

George Ernest McCarthy  
William Siddle

### TRANSFER FROM PROBATIONER STUDENT TO STUDENT

Michael Richard Adkins  
Edward Malcolm Bradley  
Albert Colin Davies  
Graham Charles Egleton  
Anthony Charles Hancock  
Francis Robert Irwin  
Selwyn George Kent-Ledger  
John Michael Mitchell  
Brian Morris  
Leo Mbanefo Nzekwu  
John Christopher Salmon  
Christopher John Sherwood  
Afolabi Sorungbe  
Henry Iain Trussler



## OBITUARY

GERALD RICHARDSON COOK (Member 15080), who was born in 1902, was a naval cadet at the Royal Naval College, Osborne, from 1915/20; he then transferred to the engineering branch of the Navy, attaining the rank of Commander(E) in 1936 and Captain(E) in 1945. On the outbreak of the second world war he was serving as engineer officer in H.M.S. *Shropshire* and he joined the staff of the Royal Naval Engineering College at Keyham in 1941. Three years later he was appointed engineer officer of H.M.S. *King George V* and Squadron Engineer Officer to the Vice-Admiral, British Pacific Fleet, in the period of the intensification of the war against Japan; for "distinguished services during the war in the Far East" at this time he was awarded the Distinguished Service Cross in 1946. He had already been awarded the O.B.E. in the 1942 New Year Honours. After serving in the Admiralty, where he became Assistant Director of Aircraft Maintenance and Repair, Captain Cook was lent in 1949 to the Royal Australian Navy. He was appointed a naval aide-de-camp to Her Majesty The Queen in February 1952.

On his retirement from the Royal Navy in August 1952, Captain Cook joined the English Electric Co., Ltd., as manager designate in Melbourne, Victoria, for the Trials Unit (Australian) of their guided missile division. The following year, however, he joined the staff of Cockburns Limited as manager of their London office. He undertook their sales representation for the home counties and controlled the service and repair organization in the Thames area; he was responsible for setting up facilities not only for servicing but also for testing the valves and ancillary equipment supplied by his company.

Captain Cook died suddenly on 19th February 1959. He had been a Member of the Institute since 1954.

HUGH McDougall (Member 2078) was apprenticed to Messrs. Rankin and Blackmore from 1890/95. He was seagoing for some time in Ben Line ships sailing to the Far East and at the turn of the century he joined the Shire Line. He was chief engineer of the *Fifeshire* when she was shipwrecked at Cape Guardafui about 1911 and was a member of the survey party from Lloyd's that later went down to assess the damage. He was also chief engineer of the *Nairnshire* which, on a trip from South Africa to Adelaide, broke a rudder stock; the engineering staff made repairs at sea, using part of a derrick, and the ship made port under her own power.

About 1913 Mr. McDougall joined the Blackball Coal Company's fleet, operating from Greymouth on the West Coast of New Zealand. He came to Britain to stand by the fitting out of some of their ships and, when the company was taken over by the Union Steamship Company of New Zealand, he was chief engineer in their ships until his retirement in 1936. In 1925 he supervised the fitting out of three of the Union Steamship Company's ships in this country.

After his retirement Mr. McDougall was closely associated with the Wellington branch of the New Zealand Institute of Marine Engineers; he was president for one term and was acting secretary for a considerable period when the secretary

was ill. He was the assessor on various assessment boards. About 1940, with various other retired engineers, he was co-opted by the New Zealand Navy to go to one of the Pacific Islands to bring to Australia a Vichy French liner which had been seized for the Free French.

Mr. McDougall was a Member of the Institute from 1909 until his death, in his eighty-third year, on 28th July 1957.

ALEXANDER CHRISTIE MACNAB (Member 5190) was an apprentice with Palmer's Shipbuilding and Iron Company at Jarrow on Tyne and had twelve years' sea service with Messrs. Alfred Holt and Company before his appointment after the first world war as their superintendent in Singapore. He had obtained an Extra First Class Board of Trade Certificate. Later he entered government service and at the time of his election to Membership in 1924 he was Surveyor General of Ships for the Straits Settlements Government, in which appointment he continued until the colony fell into Japanese hands in February 1942. Mr. Macnab was interned and suffered imprisonment until Singapore was relieved in 1945 when he returned to England on the first ship home.

Mr. Macnab died on 11th December 1958.

THOMAS MARSHALL (Member 9804) served a five-year apprenticeship with Clarke, Chapman and Co., Ltd., and then went to sea as an engineer in the Hudsons Bay Company and the Prince Line, Ltd. He obtained a First Class Board of Trade Certificate in 1925 and after a short period as a draughtsman he joined the Ocean, Accident and Guarantee Corporation as a boiler and refrigerator inspector and worked for them for eighteen years. In 1944 he returned to Clarke, Chapman and Company as an assistant technical manager in their London office, a position he held until his sudden death in hospital on 2nd March 1959.

Mr. Marshall was an Associate Member of the Institution of Mechanical Engineers and had been a Member of the Institute of Marine Engineers since 1944.

RONALD SMITH (Member 11323) was apprenticed to William Doxford and Sons, Ltd., Sunderland, from 1926/31 and during this period he attended the Sunderland Technical College, obtaining a Higher National Diploma in 1930. He was seagoing in steam and motor ships for the next fourteen years, for the last five years as chief engineer, and obtained a First Class Board of Trade Steam Certificate with Motor Endorsement. In 1946 he was appointed marine and engineer superintendent to Morel, Ltd., of London. In 1952 he joined Messrs. Headlam and Son as chief engineer of their motor ship *Kildale* and served in her continuously until his transfer to m.s. *Runswick* in 1955. This was his last appointment as he died on 23rd December 1958, aged forty-eight, when the *Runswick* was at Port Arthur, Texas.

Mr. Smith was elected to Membership of the Institute in 1947.