

THE LATE MR. JAMES DIXON.

(PRESIDENT, INSTITUTE OF MARINE ENGINEERS).

It is with deep regret that we have to record the death of Mr. James Dixon, Chairman of Lloyd's Register of Shipping and President of the Institute of Marine Engineers, which took place at his residence, at Sevenoaks, on July 28th, after a long illness.

Mr. Dixon's interests were many and varied; shipping, the coal trade, marine insurance, and other departments of business life each claimed a share of his attention, and upon all the enterprises with which he was connected he brought to bear high intellectual abilities and an energetic progressive spirit which marked him out for distinction and ever made for success. He was born in the year 1849, and after completing his studies at Eton—subsequently widening his outlook upon life by extensive travel—he began his life-long connection with the business activities of the City of London, the early years of his career being successfully devoted to the development of the business of Messrs. Harris & Dixon, Ltd., shipowners, from which firm he only retired a few years ago. Since 1878, when he became a Member of the Committee, he had been intimately associated with the Society of Lloyd's Register of Shipping, of which Society, on the retirement of Sir John Glover two years ago, he was elected Chairman. He was an underwriting member of Lloyd's since 1886, and joint managing director of the British Steamship Investment Trust, and was also a director of the Millwall Dock Company, whose property is now absorbed by the new Port of London Authority. Although not directly associated with engineering, his generous tribute to the worth and value of the marine engineer, given in his speech on the occasion of the annual dinner of the Institute of Marine Engineers in 1907, is an evidence of the wideness of his sympathies, and it is further to be remarked that it was on his suggestion on that occasion, and mainly through his efforts, that the Lloyd's Register Scholarship in marine engineering was established in connection with the Institute. Mr. Dixon's counsel in all matters pertaining to shipping was much valued, and he filled important positions in various societies which help to preserve the maritime eminence of this country. He was Chairman of the Shipowners' Society, a past President of the Chamber of Shipping of the United Kingdom, President of the Institute of Marine Engineers, and an Honorary Vice-President of the Institution of Naval Architects, for which institution he also held office as Treasurer.

Courteous and considerate without sacrificing his firmness of character, generous without being ostentatious, Mr. Dixon was universally esteemed. Outside the circle of his bereaved relatives, to whom we extend our heartfelt sympathy, his loss will be felt in many directions through the cessation of many wise and generous actions which tended to the common good, and helpful words of counsel on which reliance could always be placed.



Photo by Elliott & Fry.

THE LATE MR. JAMES DIXON.
(PRESIDENT, INSTITUTE OF MARINE ENGINEERS).

The following members were elected at the meeting of Council held on Thursday, July 8, 1909 :—

AS MEMBERS.

- | | |
|----------------------------------|-----------------------------------|
| T. J. Anderson, Galveston. | Albert Isakson, Stockholm. |
| R. Lee Annear, B.Sc., Sheffield. | A. P. Jones, Marseilles. |
| Wm. R. Austin, Greenock. | F. H. Jones, Karachi. |
| James Barclay, Hull. | Edward G. Kail, Karachi. |
| Walter W. Barnes, Piraeus. | James Kerr, Middlesbrough. |
| A. J. Barrett, London. | W. Kerr, Nantes. |
| M. Berendt, Hamburg. | J. Lightfoot, Liverpool. |
| R. J. Beveridge, Belfast. | J. B. Linn, Bombay. |
| T. R. Blackie, London. | John A. Manuell, Radlett. |
| V. C. Bulow, Gothenburg. | A. Rowland Meek, Hull. |
| Angus Campbell, Swansea. | J. E. Milton, London. |
| Andrew Couper, Barry. | Wm. Morrison, Middlesbrough. |
| A. A. A. Chalmers, London. | Newman Mumford, Constantinople. |
| Harry Clarke, Lenzie. | George Murdoch, Glasgow. |
| J. B. A. Common, London. | A. W. Murray, Southampton. |
| H. P. Cornish, Antwerp. | W. W. Nicholas, Hull. |
| H. G. Dearden, London. | W. F. D. van Ollefen, Rotterdam. |
| T. G. Dodd, Pollokshields. | Edwin L. Orde, Newcastle-on-Tyne. |
| Francis Drake, London. | C. H. L. Pilditch, Milngarvie. |
| Francis Ducoster, Naples. | F. W. Pitt, Manchester. |
| John Dykes, Cardiff. | H. J. Pratt, London. |
| Jas. Easthope, Barrow. | John Pollock, Cardiff. |
| E. Eyssartier, Syra, Greece. | G. D. Ritchie, Grimsby. |
| A. E. Farminer, Antwerp. | Maurice Ritson, Genoa. |
| Ridley Fowell, Cults. | E. M. Salmon, Dundee. |
| H. Gardner-Smith, Helensburgh. | J. E. Sellex, Newcastle. |
| John W. Gwynne, Hull. | L. G. Shallcross, Newcastle. |
| W. Haigh, London. | J. B. Slebe, Amsterdam. |
| Richard Hirst, Liverpool. | H. J. Sonne, Copenhagen. |
| C. H. Hudson, West Hartlepool. | B. Stewart-Murphy, Boston, U.S.A. |
| Chas. R. Hughes, Trieste. | E. J. Stoddart, Sunderland. |
| J. G. Hunter, Cardiff. | F. L. Sturgeon, London. |
| Summers Hunter, Wallsend. | |
| James Innes, West Hartlepool. | |

AS MEMBERS (*continued*).

Jas. C. Turpin, Sheffield.	A. F. White, London.
G. Thomson-Schmidt, Nova Scotia.	H. M. Rogers, London.
	Alexr. Rolland, Fiume.

AS COMPANIONS.

Chas. Billington, Longport.	Thomas Putnam, Darlington.
C. Buchanan, London.	Leonard Sumner, Manchester.
W. D. Ashton Bost, Paisley.	S. J. P. Thearle, London.
Henry Brien, Dartford.	Frederick Tomlinson, Manchester.
John C. Bull, Yoker.	H. Walker, Gateshead.
T. J. Dodd, Glasgow.	Jesse Williams, London.
John Gravell, London.	
Sir Gerald A. Muntz, Birmingham.	

TRANSFERRED FROM ASSOCIATE MEMBER TO MEMBER.

C. W. Barnes, London.

TRANSFERRED FROM ASSOCIATE TO MEMBER.

Herbert T. Bond, London.



INSTITUTE OF MARINE ENGINEERS
INCORPORATED

SESSION



1909-1910

VOL. XXI.

LECTURE ON THE CHARACTERISTICS OF
COPPER UNDER VARIOUS CONDITIONS

By MR. GEO. W. HANDSCOMB,

On Monday, March 22, 1909.

CHAIRMAN: MR. E. W. ROSS (HON. FINAN. SECRETARY).

PAPER OF TRANSACTIONS, NO. CLVI.

REFRIGERATING INSTALLATIONS, WITH
SPECIAL REFERENCE TO THE AR-
RANGEMENTS NECESSARY WHEN
NARROW LIMITS OF TEMPER-
ATURE ARE REQUIRED

By MR. ROBERT BALFOUR (MEMBER),

READ IN THE CONGRESS HALL, IMPERIAL INTERNATIONAL EXHIBITION,
SHEPHERD'S BUSH,

Saturday, July 24, 1909.

CHAIRMAN: MR. F. D. GREEN (ORIENT S.N. Co.).

INSTITUTE OF MARINE ENGINEERS INCORPORATED

SESSION



1909-1910

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