

# INSTITUTE OF MARINE ENGINEERS

INCORPORATED

SESSION



1910-1911.

President: SIR DAVID GILL, K.C.B., F.R.S., etc.

## Visit to the Naval, Mercantile Marine and Engineering Exhibition,

AT OLYMPIA, W.

*On Saturday, September 17, 1910.*

ON Saturday, September 17, 1910, a visit was paid to the Naval, Mercantile Marine and Engineering Exhibition at Olympia, W. There was a large attendance of members and friends and the proceedings throughout were of a highly successful character. From 3 o'clock the time was spent in viewing the Exhibition. This was the third Exhibition of its kind held within the last four years, and it was a decided advance on either of the others, the exhibits being larger and of a more varied character. The collection of machine tools, although smaller than in previous years, was a very interesting one. There was a good collection of ships' models, comprising warships, liners, cargo boats, dredgers, etc., and the other exhibits included oil engines, boilers, furnaces, steering gear, guns, gun mountings, steam tillers and steering gear, motor-car frames, diving apparatus, etc., etc. The anchor of the new White Star liner *Olympic* was on view. It weighs about 15 tons and is stated to be the largest in the world. The Institute contributed a collection of pictures and models showing "A Century of Progress from Sail to Steam," "A few Notable Breakdowns," "Pioneers of Marine Engineering," etc.

At 5.15 tea was provided on the invitation of the Exhibition authorities, followed by an address of welcome by Sir David Gill, K.C.B., F.R.S., D.Sc., President of the Institute and also of the Exhibition, who said :

Ladies and gentlemen, I am this evening in a very anomalous position. In the first place it is my pleasant duty as President of the Exhibition to welcome you here as members of the Institute of Marine Engineers ; in other words, to welcome myself, as I believe I am included among the members of the Institute as your unworthy President. I am sure you must all have been very much interested in what you have seen, and I can assure you, on behalf of the Exhibition authorities, of the pleasure it gives us to see you here. As for myself, my duties as President of the Exhibition are almost imaginary ones. It is really to Mr. Bridges that you owe this very pleasant afternoon. I feel that I must at once throw overboard any claim to offer you hospitality, but I do welcome you here to-night on behalf of the real working members of this Exhibition Committee, and I hope you have enjoyed the visit as much as I have enjoyed my first glimpse of this beautiful exhibition. I welcome you very heartily and trust you will come again and again to study further the numerous and most interesting exhibits.

Mr. GEO. ADAMS (Member of Council), on behalf of the Council and every member of the Institute of Marine Engineers, proposed a hearty vote of thanks to the management of the Exhibition for their kindness and courtesy in extending an invitation to the Institute members and their lady friends to visit the Exhibition.

Mr. F. W. BRIDGES : Mr. President, ladies and gentlemen. As the Manager of this Exhibition, in the absence of our Chairman of Council, Captain Sankey, I have great pleasure in acknowledging your very kind vote of thanks. I can assure you that it has given immense pleasure to all who are associated with this Exhibition, and in saying that, I include the Advisory Council, many of whom are sitting at the table this afternoon, to have you with us on this occasion. This is the third occasion upon which it has been my privilege to be associated with the Institute of Marine Engineers, and I take this opportunity of mentioning my personal indebtedness to your esteemed Hon. Secretary for the assistance he has rendered in connexion with

the organization of the Exhibition. This, the third of the series, is of more interest to marine engineers than either of its predecessors, inasmuch as marine engineering has entered much more largely into it than on previous occasions, and Mr. Adamson has given me very practical assistance in the organization as to the class of exhibits that would appeal to marine engineers. We have very high ideals, which we cannot attain all at once, but I think you will all admit that this is of more interest than the others, and I hope the next Exhibition will be of even more value. I have no doubt you will see a great deal that will be productive of instruction, of interest, and I trust also of profit. The ladies have in a wonderful manner shown an interest in the exhibits. This is the largest gathering we have had of this kind, and we have had several others, but the interest taken by the ladies this afternoon has been greater than on any other occasion. Probably it is because they have been accompanied by gentlemen who know what they are talking about and who can explain everything fully. It is a great privilege to have a large gathering like this, and on behalf of the Council I am pleased to welcome you. As Mr. Adams has said, in extending this hospitality we are not altogether philanthropists, and I trust the result of the visit will be to our mutual benefit and help.

At 7 o'clock a meeting was held, presided over by Sir David Gill, when papers were submitted by Mr. Jules Lecoche (Member) on "Electro-Magnetic Transmission for Main Propulsion"; Mr. W. G. Gibbons (Member) on "The Telemotor," and Mr. Wm. P. Durtnall on "The Internal Combustion Engine." The two former papers are given in the present issue, and Mr. Durtnall's will form a part of a later issue of the Transactions.

