

OBITUARY

HUGH RICHIE BARR, who died at Aberdeen on the 30th October, 1954, was born on the 18th September, 1876.

He was educated at Perth Academy and at the Technical College, Dundee.

He served his apprenticeship with the Caledonian Railway Co., subsequently becoming Assistant Engineer to the Company.

In 1903 he joined the staff of the Aberdeen Harbour Commissioners, later becoming Harbour Engineer, Aberdeen.

For a number of years he acted as Consulting Engineer to Fraserburgh Harbour Commissioners.

Mr Barr was elected an Associate Member in 1905.

He is survived by his wife.

FREDERICK FRANCIS PERCIVAL BISACRE, O.B.E., M.A., B.Sc., F.P.S., who died at Helensburgh, Scotland, on the 9th November, 1954, was born on the 20th June, 1885.

He was educated privately and at Trinity College, Cambridge.

From 1910 to 1919 he was with Merz and McLellan, Consulting Engineers, first as Assistant, and later as Personal Assistant to Mr Charles Merz.

In 1920 he joined Blackie & Son Ltd, and became a Director, and subsequently Chairman of the Company.

Mr Bisacre was elected an Associate Member in 1914.

For his Paper on "Overhead Track Construction for Direct-Current Electric Railways,"¹ he was awarded a Crampton Prize.

He is survived by his wife, two sons, and one daughter.

SOMERS HOWE ELLIS, F.R.G.S., who died on the 8th October, 1954, was born on the 25th February, 1871.

He was educated at King's College London.

He began his professional career as Assistant Engineer in the Construction Department of the former Midland Railway Company.

In 1897 he was appointed Assistant Engineer on the East Indian Railway. In 1903 he became Resident Engineer on the construction of the Tranmere Bay Development Works for Cammell, Laird & Co., at Birkenhead.

¹ Min. Proc. Instn Civ. Engrs, vol. 208 (1918-19, Pt II), p. 418.

Between 1906 and 1919 he was in private practice, but most of his work was commissioned by Alfred Holt & Co., who were at that time developing their own wharf properties in Hong Kong and Shanghai. The port facilities available were inadequate to the increasing volume of cargo and size of ships employed in the trade. The wharf at Shanghai—nearly half a mile long—presented particular problems, for the Yangste Delta consists of several hundred feet of soft silt and all the structures had to be supported on skin-friction piles or on rafts.

During World War I he developed similar properties for the Company in the Netherlands East Indies with equal success and in July 1919 was appointed Chief Civil Engineer to the Company in Liverpool, a post which he held with distinction till he retired in May 1939. Apart from the design and equipment of port facilities to meet the varied requirements of ships and cargoes, he also had much to do with the large office buildings erected by the Company in Liverpool and Singapore in the 1920's.

Mr Ellis was elected an Associate Member in 1896, and was transferred to the class of Members in 1907.

He was awarded a Telford Premium in 1908 for his Paper on "The Tranmere Bay Development Works,"¹ and a Manby Premium in 1912 for his Paper on "Reinforced Concrete Wharves at Lower Pootung, Shanghai."² He also contributed a Paper on "Corrosion of Steel Wharves at Kowloon."³

He is survived by his wife, a son, and two daughters.

FRANK HARDING JONES, who died in London on the 9th July, 1954, was born on the 3rd September, 1873.

He was educated at Rugby and received his early training during the construction of Tower Bridge.

After working in his father's consulting engineer's practice, he was subsequently appointed Director of the South Metropolitan Gas Company, and in 1937 became Chairman.

He was also concerned with water and hydraulic supply companies.

Mr Jones was elected a Member in 1909.

He is survived by his wife, a son, and three daughters.

HENRY NIMMO, C.B.E., who died on the 25th October, 1954, was born on the 28th July, 1885. He was educated at Airdrie Academy and Coatbridge Technical College.

From 1900 to 1906 he obtained practical training in mechanical and heating engineering. From 1907 to 1912 he was Chief Electrical Engineer, first with the Oakbank Oil Company and subsequently with the Irrawaddy Flotilla Company in Rangoon.

¹ Min. Proc. Instn Civ. Engrs, vol. 171 (1907-08, Pt I), p. 127.

² Min. Proc. Instn Civ. Engrs, vol. 188 (1911-12, Pt III), p. 80.

³ Min. Proc. Instn Civ. Engrs, vol. 199 (1914-15, Pt I), p. 133.