

SMART, DAVID CHARLES.
 SMURTHWAITE, WILLIAM.
 SOLWAY, LOUIS MAURICE, B.Sc.(Eng.)
 (London).
 STEEL, JAMES ROBERTSON.
 STOKES, BRIAN LEWIS.
 STOWER, TIMOTHY.
 SUMMERTON, JOHN DAVID.
 THOMPSON, NORMAN WILLIAM.
 TOZER, PETER RICHARD.
 TUCKER, MALCOLM BAILEY.
 WATSON, MICHAEL JOHN, B.Sc. (Leeds).

WEBSTER, JACK STANLEY.
 WHALE, JOHN FREDERICK STUART.
 WHITE, GEOFFREY FREDERICK JOHN.
 WHITLOCK, MAX, B.Sc. (Leeds).
 WILLIAMS, MICHAEL ALWYN, B.Sc.(Eng.)
 (London).
 WOODHOUSE, ROBIN CLAYTON, B.A.
 (Cantab.).
 WRIGHT, LEWIS HAMILTON, B.Sc. (Glasgow).
 WRIGHT, MICHAEL STEPHEN, B.Eng.
 (Sheffield).

DEATHS

It is with deep regret that intimation of the death of the following has been received.

Members

WILLIAM ALEXANDER MACDONALD ALLAN, O.B.E. (E. 1920, T. 1934).
 PROFESSOR RONALD NATHAN ARNOLD, D.Sc., Ph.D., M.S. (E. 1945, T. 1959).
 PAUL COULTHARD DEWHURST (E. 1939).
 FRITZ GEORGE DICKINSON, M.C., B.Eng. (E. 1920, T. 1939).
 CHARLES GEORGE HAWES, C.I.E., M.C., B.Sc.(Eng.) (E. 1919, T. 1930). (Former Member of Council.)
 DAVID THOMAS ROSE (E. 1927).

Associate Members

TOM BOARDMAN, B.Sc. (E. 1930).
 THOMAS STANLEY REA (E. 1908).
 FREDERICK JOHN SANDERS, B.Sc.(Eng.) (E. 1936).
 LEONARD WILLIAM SCUDDER (E. 1919).
 HERMANN CARL ANTON THIEME, B.Sc.(Eng.) (E. 1913).
 PHILIP TRUMP (E. 1913).
 ARTHUR WILKINSON (E. 1915).

OBITUARY

AXEL MOLLER, B.Sc. (Copenhagen), R.D., who was born in Denmark on 17 January, 1894, died on 19 October, 1962.

Educated at Soro Academy, Denmark, he studied engineering for 4½ years at Copenhagen University, graduating with a B.Sc. degree.

As Assistant Engineer with the Copenhagen City Engineer for a time, he gained experience in the drawing office and in the Roads and Sewers Department.

From 1916-24 he was Designer with Peter Lind & Co. Ltd, London, being responsible for the design of numerous reinforced concrete structures, including bridges, cooling towers, and industrial buildings.

In 1924 he returned to Copenhagen to work as Designer with Messrs Kampmann, Kierulff, and Saxild, but after a year was transferred to London as Chief Designer to Messrs Saxild and Partners, S.W.1.

In 1927 he resumed his career with Peter Lind & Co. Ltd as Chief Engineer, and remained with the company until his death. He became a Director in

1941, and was Managing Director from 1956 to 1959. Amongst the many projects with which he was concerned was the new Waterloo Bridge in 1937-42.

From 1946 Mr Moller was also a Director of Tileman and Co. Ltd. He was a founder member of the Society of Danish Civil Engineers in Great Britain and Northern Ireland, and for a period, Chairman of this Society and also of the Danish Club. For a number of years he served on the Committee of the Prestressed Concrete Development Group.

Mr Moller was elected a Member in 1953. He is survived by his widow, a son and two daughters.

WALTER STAINES CATLOW, O.B.E., who was born on 15 May, 1903, died on 12 January, 1963.

He received his training by pupilage under Mr D. Edwards, M.I.C.E., Bath City Engineer in 1920-23.

In 1923-24 he was Junior Engineering Assistant with the Borough of Colwyn Bay. In 1924-36 he was Engineering Assistant with the Borough of Hendon.

His next appointment was with the War Department in Aldershot, as Garrison Engineer and Superintendent of Works, where he was responsible for the maintenance of reservoirs and water systems, sewage and roads. In 1940-43 he served as Deputy Commander Royal Engineers, in the rank of Major. His responsibilities included plans and estimates for the rebuilding of Frith Barracks, and the taking over and adaptation of Ascot racecourse and other requisitioned properties. In 1943-49 his duties included the maintenance of buildings and services, and later, as Engineering Staff Officer, responsibility for several married-quarter projects.

In 1949 he was appointed Senior Civil Engineer with the War Office, being responsible for a variety of schemes in the U.K. and overseas, including water supply and distribution, sewage disposal and sewerage, roads and coastal defence.

Among schemes with which he was associated were a large £10 million storage depot scheme which included workshop and standard storage buildings in steel and reinforced-concrete; the civil engineering utility services for the military township of Episkopi in Cyprus, Catterick water supply, and Aldershot and Catterick tank roads.

In 1959 he took up appointment as Chief Engineer with the Forestry Commission, with responsibility for a £1½ million annual expenditure on the construction of roads and bridges, and for the repair and maintenance of plant and machinery of purchase value nearly £2½ million.

Mr Catlow returned to the War Office as Superintending Civil Engineer to take charge of the General Civil Engineering and Drainage Section in the Works Directorate, Chessington, where he continued service until January 1963.

He was awarded the O.B.E. in 1956.

He was elected an Associate Member in 1929 and was transferred to the class of Member in 1959. He was also a Member of the Institution of Water Engineers.

Mr Catlow is survived by his widow.