

NEWS and VIEWS

The Queen's Birthday Honours List

THE following names of scientists and others associated with scientific work appear in the Queen's Birthday Honours List:

K.C.B.: G. E. Godbor, chief medical officer, Ministry of Health, Ministry of Education and Home Office.

K.B.E.: Sir Charles Harington, director, National Institute for Medical Research; F. W. G. White, chairman, Australian Commonwealth Scientific and Industrial Research Organization.

Knights: B. de Bunsen, principal, Makerere College, East Africa; T. F. Fox, editor of the *Lancet*; J. F. Lockwood, Master of Birkbeck College, University of London; J. T. Randall, professor of biophysics, King's College, University of London; F. J. Schonell, vice-chancellor, University of Queensland.

C.B.: A. W. Stableforth, director, Veterinary Laboratory, Ministry of Agriculture, Fisheries and Food; R. W. Sutton, superintendent, Services Electronic Research Laboratory, Admiralty.

C.M.G.: J. C. F. Hopkins, director, Commonwealth Mycological Institute; D. Rhind, adviser on agricultural research, Department of Technical Co-operation; P. R. Stephenson, lately director, Desert Locust Survey; L. T. D. Williams, director-general of Atomic Weapons, Ministry of Aviation.

C.B.E.: A. C. Best, chief scientific officer, Meteorological Office; F. C. Fraser, keeper of zoology, British Museum (Natural History); A. C. Frazer, professor of medical biochemistry and pharmacology, University of Birmingham; T. R. R. Mann, director, Agricultural Research Council Unit of Reproductive Physiology and Biochemistry, Cambridge; J. M. Robertson, Gardiner professor of chemistry, University of Glasgow; T. L. Viney, director (works and buildings), engineering group, U.K. Atomic Energy Authority.

Ministry of Aviation Appointments:

Mr. F. H. East

MR. F. H. EAST has been appointed head of Weapons Project Group, Weapons Department, Royal Aircraft Establishment, Farnborough. Mr. East was educated at the Skinners' Company's School, Tunbridge Wells, and at University College, Exeter. After taking a University of London degree in physics in 1940 he joined the Research Department of the Royal Aircraft Establishment in Exeter, where he was engaged on defence system research and the early experiments on proximity fuzes. He transferred to the Armaments Department of the Royal Aircraft Establishment in 1942 and worked on sighting systems for aircraft guns and rockets. He was given a permanent appointment to the Scientific Civil Service in the post-war reconstruction scheme and was responsible for the development of fuzing systems for a variety of weapons. He paid a number of visits to Australia to assist in the planning of facilities at the Woormera range and to carry out some of the early trials. In 1954 he joined the team at the Royal Aircraft Establishment responsible for the design of advanced weapon systems, and in 1957 was appointed assistant director of Air Armament

Research and Development in the Ministry of Supply. He has been closely associated with the U.S./U.K. *Skybolt* project since its inception. He was elected an Associate of the Institute of Physics in 1941, an Associate Fellow of the Royal Aeronautical Society and a Member of the Institution of Electrical Engineers in 1958.

Mr. A. Stratton

MR. A. STRATTON has been appointed head of the Research and Assessment Group, Weapons Department, Royal Aircraft Establishment, Farnborough. Mr. Stratton was educated at the Skinners' Company's School, Tunbridge Wells, and University College, Exeter, obtaining honours in physics. He joined the Royal Aircraft Establishment in October 1939, his wartime field of work being research and development on radio proximity (*V.T.*) fuzes. This work was recognized by the awards of the United States Medal of Freedom with Bronze Palm and the sum of £2,000 by the Royal Commission on Awards to Inventors. He was appointed senior scientific officer in the post-war Reconstruction Competition (1946) and promoted to principal scientific officer in 1948. In 1954 he was appointed superintendent of Instruments Division in the Instrument and Air Photography Department of the Royal Aircraft Establishment, with the rank of senior principal scientific officer, where he worked on aircraft instruments and inertial navigation. He has published a number of papers in these fields. He was elected a Fellow of the Institute of Physics in 1945, an Associate Member of the Institution of Electrical Engineers in 1953 and a Member of the Institute of Navigation in 1960. In 1951 he obtained an M.Sc. (London) degree in mathematics and in 1957 a B.Sc. (Oxon.) *ad eundem*. He is at present chairman of Convocation, University of Exeter.

Electrical Engineering at Manchester:

Prof. E. H. Rhoderick

DR. EMLYN HUW RHODERICK has been appointed to a newly created chair in electrical engineering in the Faculty of Technology, Manchester College of Science and Technology. Dr. Rhoderick was educated at Jesus College, Oxford, where he graduated with honours in the School of Natural Science (Physics) in 1941. In 1941 he was employed as junior scientific officer (afterwards scientific officer) at the Radar Research and Development Establishment, Malvern, where he was engaged on the development of microwave radar. He became a research student at Trinity College, Cambridge, in 1945, working at the Cavendish Laboratory in the field of nuclear physics, and graduated Ph.D. (Cambridge) in 1948. During 1948-54 he held the post of lecturer in natural philosophy at the University of Glasgow, where in the last three years he acted as head of the Physics Honours Class. For the academic year 1960-61 he studied as a Fulbright Fellow at Columbia University, New York, working on the radio-frequency spectroscopy of atoms. Since 1955 Dr. Rhoderick has worked at the Services Electronics Research Laboratory (Admiralty), Baldock, as principal and senior principal scientific officer, working on semi-conductors,