

appointment as Nautical Inspector in the Company, and from active service in 1922. In 1886 he had lost his right arm in an accident at sea.

Captain Angus was elected a Younger Brother of Trinity House in 1904. He served on the Admiralty Committee on Charts in 1912–13, and was the examiner in seamanship of the *Worcester* cadets from 1906 to 1926. He was elected a Fellow of the Society on 1924 February 8.

He died suddenly on 1937 March 5 at the age of eighty-six.

CHARLES EDWARD BARNES was best known to astronomers for his book, *1001 Celestial Wonders as Observed with Home-built Instruments*. In this book, which ran to a second edition and which he set up and printed in his own small printing plant (The Science Press), Barnes described some of his own experiences as an observer and a maker of telescopes. Prior to his retirement to California in 1913 and to the appearance of this book, he had been a journalist and had served on the New York *Herald Tribune* under the notable editorship of James Gordon Bennett. He was known as the author of many stories and poems, as well as of scientific articles appearing in the *Herald Tribune*. He was elected a Fellow of the Society on 1929 January 11, and was in addition a member of the British Astronomical Association, the Astronomical Society of the Pacific, and the American Association of Variable Star Observers. He died on 1937 May 24 at the age of seventy-five.

ARTHUR FREDERICK BENNETT was by profession an engineer. The son of John Bennett, shipowner, of Grove House, Goole, he was educated at Bramham College, Yorkshire. On leaving school he was apprenticed to Messrs. Earles' Shipbuilding and Engineering Company of Hull, and rose in that firm to be superintendent of their Admiralty Contracts at Portsmouth. He was responsible for installing the machinery and making the trials of H.M.S. *Formidable* and H.M.S. *London*. Subsequently he became general manager of Messrs. Willans & Robinson of Rugby, and remained with that firm after their amalgamation with the English Electric Company. Finally he was made general manager and director of Richard Garrett & Son of Leiston, Suffolk, with whom he remained until 1934.

His interest in astronomy appears to have been kindled by the presentation to him in 1921, on the occasion of the amalgamation of Willans & Robinson with the English Electric Company, of a 3-inch refractor. Within a few years he had acquired a 6-inch Cooke equatorial, and to this from time to time new equipment was added, including cameras for stellar photography and, a few months before his death, a Synchronome Sidereal Clock. In his career as an observer the British Astronomical Association played an important part, and to their *Journal* he contributed his many observations of occultations, of comets and of the Sun and planets. He was elected Honorary Treasurer of the Association in 1931, and held this office from then until 1933, and from 1936 until his death. He was elected a Fellow