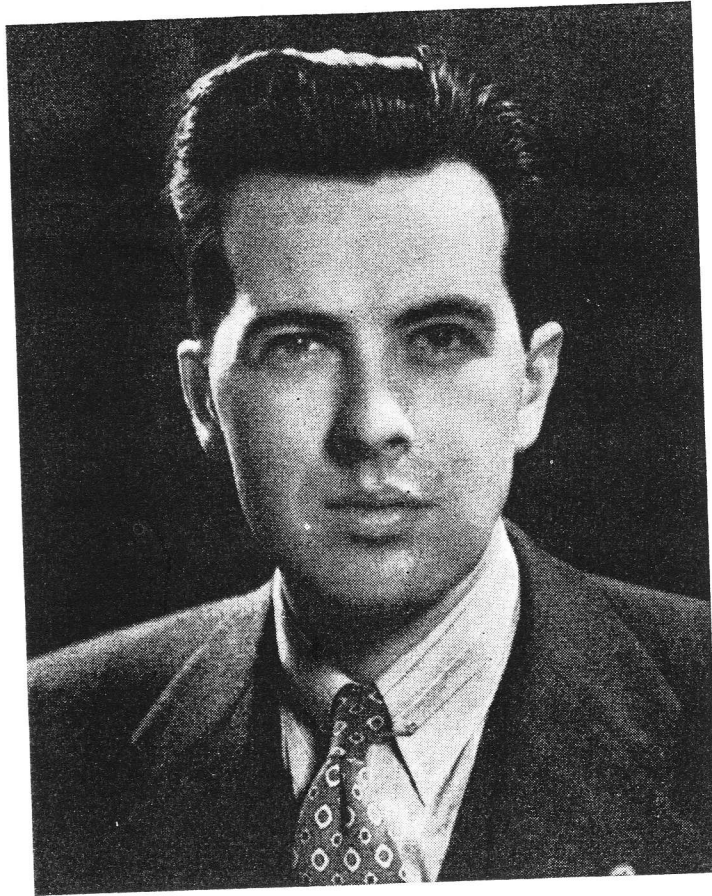


I.R.E. Subsection for Northern New Jersey



JERRY B. MINTER

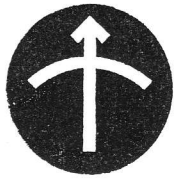
CHAIRMAN

Jerry Burnett Minter II (A'38-VA'39) was born on October 31, 1913, in Fort Worth, Texas. He received the B.S. degree in electrical engineering in 1934 from the Massachusetts Institute of Technology.

In 1935 he was employed by Boonton Radio Corporation in the development of band-pass intermediate frequency transformers, and in 1936 he was active in the development of aircraft radio receivers at the Radio Frequency Laboratories of Boonton, N. J. During the latter part of 1936 he was engaged by Malcolm P. Ferris to take charge of the development of a signal generator, a

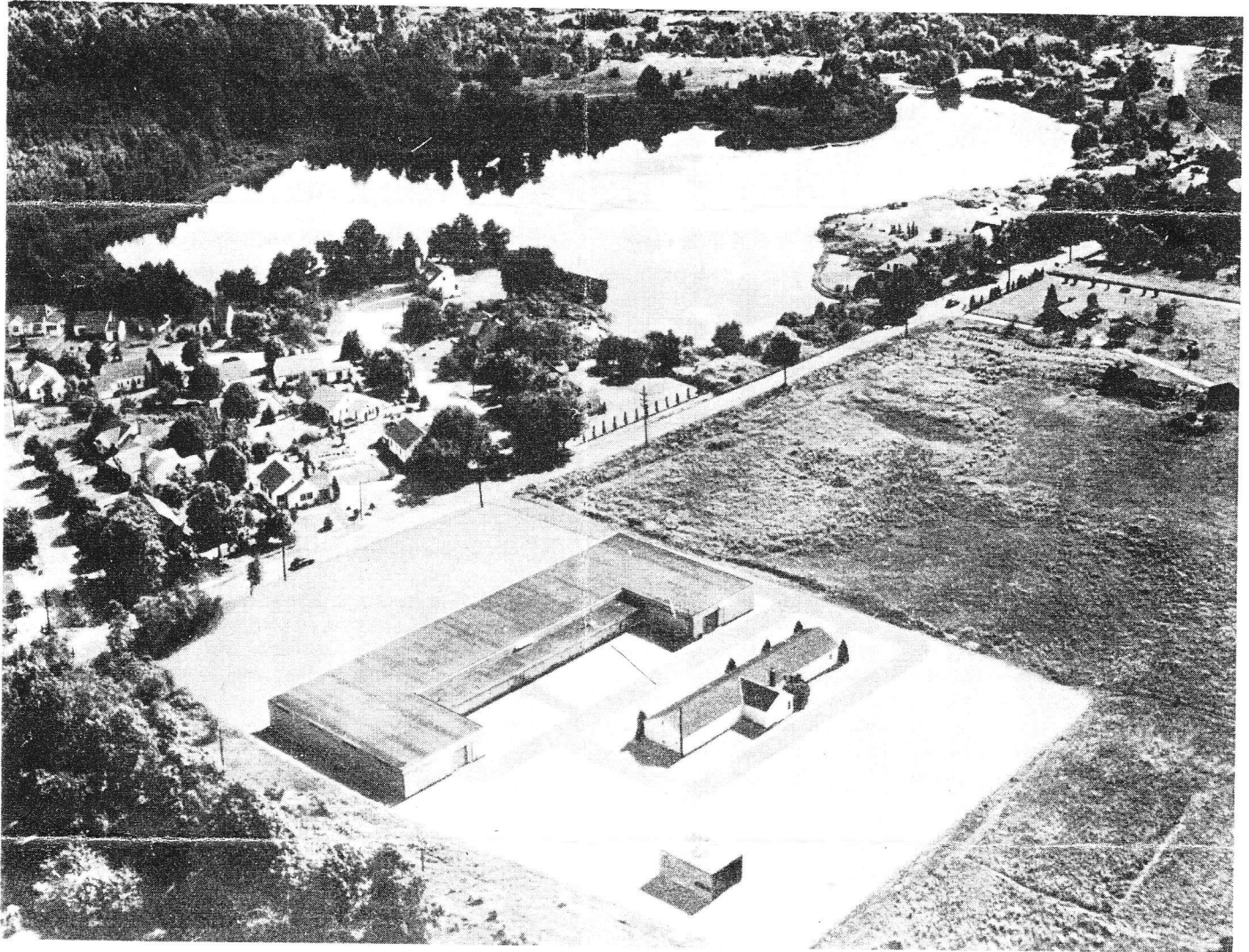
radio noise and field-strength meter, and several other projects. After the death of Mr. Ferris, Mr. Minter and some of his associates organized the Measurements Corporation of Boonton in 1939. Since that time he has been vice-president and chief engineer of Measurements Corporation.

Mr. Minter is a Fellow of the Radio Club of America, a member of the American Society for Metals, and is now serving as Chairman of the Northern New Jersey Subsection of the I.R.E., which was organized early in October, 1947.



The Story of MEASUREMENTS CORPORATION

ESTABLISHED 1939



AERIAL VIEW OF THE NEW HOME OF MEASUREMENTS CORPORATION

THIS informal narrative about our organization is not intended as a "success" story but rather, a simple, informative tale for those who want to know more about the little concerns that help make up the complex pattern of our country's huge industrial activity.

Custom decrees that once a business has become outstanding in its particular field, then it can safely and proudly refer to its humble origin. With due modesty, yet considerable pride, we acknowledge that our instruments are now used all over the world, but we can state without fear

of contradiction that few concerns had a more obscure beginning!

It all began back in early 1939 in Mountain Lakes, N. J. where several young engineers took up their slide-rules and soldering irons to challenge the long established instrument makers with a new line of electronic measuring equipment. Like all business ventures in the throes of getting established, these young men found unlimited discouragement in equipment and material shortages, and the usual legal entanglements that threaten to engulf the uninitiated.

MEASUREMENTS CORPORATION

BOONTON · NEW JERSEY

The Story of MEASUREMENTS CORPORATION

With new quarters in an antiquated building in Boonton, known to residents as the "doll factory" because of its former occupants, things began to look brighter for the neophyte company. The thorough technical training, practical experience and determination of its founders was beginning to make headway over the hurdles that had marked the way. A signal generator had been developed incorporating features unique to the art and other new instruments were on the drafting boards.

Laboratories, manufacturers and governmental agencies began to specify MEASUREMENTS equipment in their requisitions and, at long last orders began to come in. More orders of course meant more work, more jobs and best of all more money to reinvest in badly needed tools.

A tract of land on the outskirts of town was purchased and soon the neighbors were curiously watching the construction of Unit One, a long, narrow building, of frame design but without windows. Little did they realize that behind these plain walls some of the finest electronic instruments in the world were to be developed and produced.

Then came the war. Because in two short years the company had gained prominence as a manufacturer of Laboratory Standards—now it was deluged with demands, by the Armed Services and other makers of electronic equipment, for MEASUREMENTS' instruments in staggering numbers! Every engineering facility was concentrated on the creation of the specialized units required for wartime use and the little white building literally bulged at the seams with new workers.

Still the clamor for more instruments! Additional space was imperative—a part of an old silk mill, long a land-mark in the community, provided space for additional assembly lines. But even this was not enough; an abandoned school house became a MEASUREMENTS plant and an idle automobile showroom was used for the fabrication of component parts.

From these sprawling but highly organized operations came valuable contributions to the war effort in signal generators, vacuum tube volimeters, field strength meters and other vital equipment. The company can be justly proud of its UHF signal generator which did so much to help win the battle of Britain and its pulse generator, so important to radar installations.

Peace—and a happy return to normalcy and the resumption of those interesting projects that had to be set aside for more urgent jobs during the war. An FM signal generator was developed as well as a

television signal generator to meet the demands of the country's fastest growing industry; testing equipment for use with micro-wave relays, airplane navigational systems, mobile radio and the many, many other electronic applications.

Dust again covered the empty school rooms and shiny new cars took the place of war workers; the silk mill became the headquarters of MEASUREMENTS CORPORATION and Unit One was a quiet haven for the company's research laboratory. But this was only temporary, for in the Fall of 1948 ground was broken adjacent to Unit One, for a modern plant, the new home of MEASUREMENTS.

The building is now completed and within its 25,000 square feet of floor space is every modern convenience for the comfort of its personnel and the efficient production of the line of Laboratory Standards that holds an enviable reputation in the world of electronics.

The founders of this truly American enterprise can observe with nostalgic reflection that their original tiny basement would occupy only a small corner of this spacious building.

. . . And Now Meet the Officers—

HARRY W. HOUCK, *President, General Manager*

A radio pioneer who since 1910 has been associated with various branches of the industry. He collaborated with Major E. H. Armstrong in the development of the superheterodyne receiver and invented the battery eliminator making possible ac operated radios. His other patents include those on vacuum tubes, circuits and varied electronic equipment. Mr. Houck is a member of the American Institute of Electrical Engineers, Institute of Radio Engineers, Radio Club of America and Engineers' Club. He served in the Signal Corps in World War I.

JERRY B. MINTER, *Vice President, Chief Engineer*

A graduate of the Massachusetts Institute of Technology, he is well known in the radio engineering fraternity for his many developments in electronic measuring equipment. He has presented papers before many of the foremost engineering societies and is the author of technical magazine articles. Mr. Minter is a member of the Institute of Radio Engineers and was instrumental in the formation of the New Jersey Chapter of that organization; also a member of the Radio Club of America. He is a co-founder of Measurements Corporation.

JOHN M. VAN BEUREN, *Chairman of Board, Chief Research Engineer*

He attended Princeton University where he majored in physics, and has specialized in extensive research and development work on electronic test instruments. He is recognized as an authority on the design of audio systems and has written and presented papers on this subject before prominent technical groups. Before he became a co-founder of Measurements Corporation he was associated with the engineering departments of several electronic concerns. He is a member of the Institute of Radio Engineers, the Radio Club of America and Engineers' Club.

MEASUREMENTS CORPORATION BOONTON · NEW JERSEY