

Contributors to This Issue

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KENNETH A. GLUCKOW, Electronics Eng. Cert., 1957, RCA Institutes; Newark College of Engineering, 1957-62; Bell Laboratories 1957—. Mr. Gluckow initially worked in the Bell System Repair Specification organization, preparing repair requirements and repair studies for transmission products. Since 1962, he has been involved with reliability studies for transmission products. He has recently assumed responsibility for coordinating physical design efforts for the Voiceband Interface Frame portion of the No. 4 ESS project.

JAMES W. GORMAN, B.S.M.E., 1958, University of Maine; Western Electric Company, 1958—. Mr. Gorman has worked in Machine Design, Tantalum and Mica Capacitor Engineering, D2 Channel Bank Development and Product Engineering, and is now Lead Engineer for D1B Channel Bank Network and Channel Unit Product Engineering.

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DIETRICH MARCUSE, Diplom Vorpruefung, 1952, Dipl. Phys., 1954, Berlin Free University; D.E.E., 1962, Technische Hochschule, Karlsruhe, Germany; Siemens and Halske (Germany), 1954-57; Bell Laboratories, 1957—. At Siemens and Halske, Mr. Marcuse was engaged in transmission research, studying coaxial cable and circular waveguide transmission. At Bell Laboratories, he has been engaged in studies of circular electric waveguides and work on gaseous masers. He spent one year (1966-1967) on leave of absence from Bell Laboratories at the University of Utah. He is presently working on the transmission aspect of a light communications system. Mr. Marcuse is the author of two books. Member, IEEE, Optical Society of America.

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DENNIS K. THOVSON, B.S., 1960, M.S., 1961, Iowa State University; Bell Laboratories, 1961—. Mr. Thovson worked on the final development of the command circuitry for the *Telstar*[®] project, and did exploratory development work on logic circuitry for an experimental 224-Mb/s PCM system. More recently he has been engaged in the design of the digital circuitry and channel units for the D2 Channel Bank. Member, IEEE, Phi Kappa Phi.

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