

ENGINEER V PROFILES

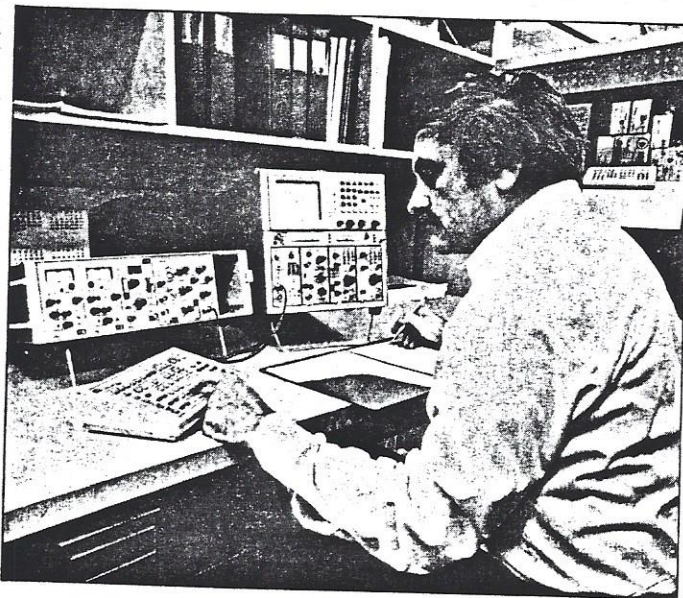
VAL GARUTS



Val Garuts, Lab
Scopes, ext. 6277
(Beaverton).

Val Garuts leads laboratory oscilloscope development projects. This responsibility includes planning for our future laboratory oscilloscopes. Val has been at Tektronix fifteen years, during which time he was the project leader for the 5030 series oscilloscopes; the 1A7A, 3A9, and 7A22 10-microvolt amplifier plug-ins; the 7904/7A19/7B92 500-megahertz oscilloscope and plug-ins; the 7104/7A29/7B10-7B15 one-gigahertz oscilloscope and plug-ins; and the 7854 waveform processing oscilloscope (the "smart" scope).

His employment before Tektronix was in the fields of memory-drum read/write electronics and oil-drilling-ship location control and positioning systems, at Ferranti Electric and RH Controls. Earlier he studied electronics at the University of Queensland (Brisbane, Australia).



Val is a technical representative of his business unit (Lab Scopes) and an advisor to people on topics as diverse as math, computer analysis, circuits, and measurement techniques. He built his qualifications to be an advisor on his engineering and marketing experience: in scopes his work has been with high-sensitivity through wide-bandwidth types; in computer-aided design he helped introduce TRAC, SLIC, SINC, and SPICE programs to Tektronix and he wrote the linear-analysis program GLUMP.

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MORRIS
ENGELSON

Morris Engelson,
Frequency Domain
Instrumentation, ext.
7946 (Beaverton).

Morris Engelson has been associated with frequency domain engineering and marketing for many years—fifteen of them here at Tektronix. Presently, he is both chief engineer and marketing manager of the Frequency Domain Instrumentation Business Unit.

Since the first spectrum analyzers were introduced more than forty years ago, many improvements have been made in analyzer performance, ease of use, physical and environmental capability, and price/performance relationships. Morris Engelson has been a major contributor to this progress.

Morris was a founder and chief engineer of the PENTRIX Corporation that developed the first plug-in spectrum analyzers for Tektronix oscilloscopes and initiated the development of what was to be the highly successful 491 portable microwave spectrum analyzer. Prior to Pentrix, he was a group leader at Polarad Electronics, formerly a major producer of spectrum analyzers.

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