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THE MONITORING TECHNOLOGY OF TECHNICAL CONDITION OF LOCAL NETWORKS EQUIPMENT

There has been developed a block diagram of a universal program for monitoring technical state of *local area network* (LAN). This block diagram is to allocate the list of equipment that you want to diagnose. We considered a block scheme of LAN reliability with the assessment of priority for each type of LAN equipment. We also analyzed possible failure modes, effects and criticality of potential problems and determined the diagnostic indicator of real or incipient defects.

Keywords: local area network, technical condition, reliability, diagnostics, defect, diagnostic character, expert system, failure, reliability.

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